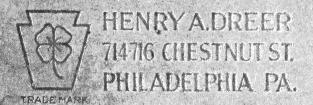
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# DREER'S GARDEN BOOK 1916

SEVENTY-EIGHTH ANNUAL EDITION



# General Directions to Customers

PHILADELPHIA, JANUARY, 1916

# The attention of our customers is respectfully called to the following directions, which will, if followed, be an aid to purchasers as well as ourselves

ORDER EARLY.—We aim to execute all orders as soon as received, but during the rush season in April and May delays are unavoidable, which, however, can be partly overcome by our patrons anticipating their requirements and ordering early.

FORWARDING.—We deliver, postpaid to any Post Office in the United States, Vegetable and Flower Seeds in packets, ounces, and pounds, except where otherwise noted in the Catalogue. Agricultural Seeds, Implements, and other heavy and bulky goods are sent by Express or Freight at purchase,'s expense.

Plant orders should be separated from Seed orders; the departments are separate, but shipments of seeds, plants, etc., are made in one parcel where it is practical to do so, or where such combination will save our customers additional charges.

All Plants, Roots and Bulbs are forwarded by Express, purchaser paying charges, which are now very reasonable.

For those of our customers who live at a distance from an Express Office, making it more convenient for them to receive their goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost to cover postage, which must be added to the value of each order for Plants, Roots, or Bulbs:

To all points east of the Mississippi River, 10 per cent extra.

To all points west of the Mississippi River, 20 per cent extra.

Heavy Plants, such as Azaleas, Boxwoods, Bay Trees, Camellias, Shrubs, Tree Roses, as well as the larger sizes of Palms and other ornamental foliage and flowering plants, cannot be sent by mail.

We strongly recommend our customers to have all their orders forwarded by Express, as our experience shows that this method is not only quicker and safer but also cheaper than Parcel Post, except on small packages.

- CANADIAN SHIPMENTS.—Vegetable and Flower Seeds in packets and ounces are sent postpaid. All other goods are sent by Express or Freight, purchaser paying all charges. We can also send to Canada by Parcel Post packages weighing under 4 pounds 6 ounces. Customers wishing their orders sent in this way must remit 12 cents per pound for seeds, and 20 per cent of the value of orders for Plants, Bulbs and Roots to cover postage. Roses, Shrubs, Hardy Vines and Small Fruits cannot be sent by mail to Canada. These can only be sent by Express to permit of their being fumigated by the Canadian authorities.
- LOCAL DELIVERY.—We deliver goods free in Philadelphia. We also deliver free of charge by Package System (Baggage Master) to all points where this system is in operation such goods as will be received by them, and not weighing in excess of 50 pounds when packed.
- PACKING.—No charge is made for boxes or packing, nor for delivery to Freight Depots or Express Offices in Philadelphia.
- SAFE ARRIVAL OF PACKAGES.—We guarantee the safe arrival of all goods sent by Express or Mail to points in the United States. If a package sent by Express or Mail is injured or lost we will replace it as soon as informed of the fact. Goods sent in any other way are solely at purchaser's risk. Frequently it happens that orders never reach us or are without signature. When customers fail to receive their packages in a reasonable time they should inform us and at the same time send a copy of their order and any other information necessary to trace the goods. Claims for damage must be made on receipt of goods. We do not hold ourselves responsible for failures after delivery of the goods in good condition.
- ERRORS.—We exercise the utmost care in filling orders, striving to do a little more than we offer; yet in the press of business errors sometimes occur, in which event we wish to be promptly notified of the fact and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.
- REMITTANCES should be made by Post Office Money Order, Drafts on Philadelphia or New York Banks or Express Money Orders. We disclaim all responsibility when remittances are not made as above directed. Where it is not possible to obtain these, the letter should be registered. Postage stamps will be found a convenient method of remitting for small amounts and can be used by us to advantage. Coin should not be sent by mail.
- CASH WITH ORDER.—Please send money with the order sufficient to cover the whole bill. We decline sending goods "Collect on Delivery," unless remittance be made on account to guarantee acceptance.
- NAME AND ADDRESS.—Please remember to write on each order your Name, Post Office, County and State; also give number of Street or P. O. Box as distinctly as possible; also the nearest Express Office; or, if on a Stage Route, send us special directions, giving us the name of the Express Company delivering goods.
- CATALOGUES.—We send our customers three catalogues annually, viz.: Garden Book in January, Midsummer Catalogue in July and Autumn Catalogue in September. Customers having more than one address will oblige by stating to which address they wish the Catalogues mailed.
- NON-WARRANTY.—Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the cropy and every (riler for articles named in this catalogue will be executed on these conditions only. It must, however, be plain to exeryone who gives the matter the slightest thought, that it is to our best interests to send out only such stock as will not only grow but prove true to name and description.
- CORRESPONDENCE.—We try to give prompt attention to all proper letters of inquiry, etc. We ask, as a favor, that all questions be stated clearly and briefly, and not on order sheets; also that as few inquiries as possible be sent in during April and May, at which time we are overtaxed with the business which is necessarily crowded into these two months.

# Dreer's Garden Book

for 1916

#### SEVENTY=EIGHTH ANNUAL EDITION

ROM a small beginning seventy-eight years ago, this business has developed into one of the largest and most complete Seed, Plant and Bulb Establishments in the World. This has been accomplished by supplying only the very best grade of goods and by a strict adherence to the broad principle of giving all purchasers the full worth of their money.

In no line of business is the experience which comes with the passing years of more value than in ours. But we do not base our claims for the support of the buying public merely on the fact that we have been established for over three-quarters of a century, but rather on the fact that we are at all times alive to the wants of customers, and that we have kept abreast of the times and in close touch with the Horticultural centres of the world. This is evidenced by the many valuable Novelties in Seeds, Plants and Bulbs which have been introduced or first offered in the United States by us.

At the present time we occupy three complete buildings in Philadelphia. The general offices and store located at 714 and 716 Chestnut Street, and an eight-story warehouse at 710 South Washington Square, which affords ample storage facilities and room for the careful and prompt filling of orders.

Our Plant and Seed Growing departments are located at Riverton, New Jersey, on the Delaware River, nine miles from Philadelphia. It comprises three Nurseries—Riverton, Riverview and Locust—with a total area of about 300 acres, all under high cultivation, and with over one hundred of the most modern greenhouses and numerous frames, the space covered by glass being over a half million square feet, or more than ten acres. This establishment is open for inspection every week-day, and well worth a visit, especially during the months of July, August and September, when the stock in the open ground is usually in full bloom.

This short sketch is given to show that we are not merely dealers in Seeds, Plants and Bulbs, but that we are the actual producers of a large part of the stock we offer, and as such are in a position to give better values than those who only sell what they buy from other growers.

As is well known, some varieties of both Vegetable and Flower seeds have to be imported from Europe, which, owing to the present unfortunate war, renders it extremely difficult for those left on the seed-growing farms to properly harvest and prepare the seeds for shipment. The embargo placed upon exports from some of the countries and the meager and uncertain transportation facilities add to the difficulties. Nevertheless, we hope to receive our supplies in due course, although some items may be late in arriving

We take this opportunity of thanking our many customers for their generous patronage in the past, and to assure them that we will continue to do all in our power to merit a continuance of their confidence. Our organization and equipment are such that orders can be executed rapidly, and we aim to give every order, no matter how small or how large, prompt and careful attention.

The offerings of the various departments will be found in this book on the following pages: For complete Index see pages 2 and 3.

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The common, popular or vulgar names included in this index have been compiled from the best American and English sources, but as there is a certain amount of confusion in regard to some of them, two different plants often bearing the same common name, it is well in ordering to use the names as given in the catalogue.

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# DREER'S SPECIAL CROSBY'S EGYPTIAN BEET.

This special selection of extra early Beet is as great an improvement over the ordinary Crosby Egyptian as the latter variety is over the old-time Egyptian Blood Turnip Beet and is valuable both for the private gardener and those who grow Beets for market. In the production of this seed, selection is not only made for shape, but also for extreme earliness and high quality. The skin is very smooth, bright red and flesh-vermilion, very sweet and tender. This Beet is good for forcing, as well as growing in the garden, and may be used while small. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.75.

#### EARLY MODEL BEET.

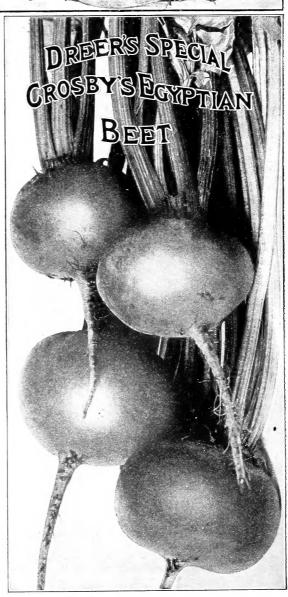
A fine selection of blood-red Beet, extremely smooth, fine rich color and desirable shape, and makes a rapid growth, maturing very early. It is globe shape and the color of flesh a rich blood-red, and of most excellent quality, being sweet, tender and free from coarseness. The tops are quite small, making it a fine variety for forcing in hotbed, and it retains all the good qualities either when grown under glass or outside. Is is safe to say that this is one of the finest of the early globe-shape Beets on the market. Pkt., 10 cts.; oz., 20 cts.; \(\frac{1}{4}\) lb., 50 cts.; lb., \(\frac{8}{1}.75\).

#### DARK-LEAVED GLOBE BEET.

This excellent variety of Beet was offered by us for the first time in 1910, and has given satisfaction wherever planted. It is a splendid type of the blood-turnip variety, the originator, in making his selections, having in mind an ideal Beet combining good quality with beautiful globe shape. The extremely dark foliage of this variety is a striking feature, while the corresponding rich, dark color of flesh and beautiful globe shape combine to make it an exceedingly attractive variety. The quality is excellent, being sweet and tender. Pkt., 10 cts.; oz., 20 cts.; 4 lb., 50 cts.; lb., \$1.75.

#### KENTUCKY WONDER WAX POLE BEAN.

A yellow-podded "Kentucky Wonder," which bears a large quantity of rich, golden-yellow pods from the time the plant is about half-grown until it is killed by frost in the fall. The plant makes a quick, healthy growth, and, like the "Kentucky Wonder," it is exceedingly productive, bearing large pods, which are thick, meaty, stringless; very tender, and have a fine flavor when cooked. This variety is bound to gain in favor, both for the home garden and for market. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (If pt. or qt. is wanted by Parcel Post add postage as per page 15); 4 qts., \$1.25; peck, \$2.25.



# DREÉR'S "WONDER" BUSH LIMA BEAN.

This variety of Bush Lima Bean is very desirable on account of earliness, productiveness and its fixed habit of growing in the dwarf or bush form. The plants are of strong, upright growth, and are completely covered with large pods, many of which contain four beans, which are fully as large as the pole limas. The beans are flat in shape and of excellent quality. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 45 cts. (If pint or quart is wanted by Parcel Post add postage as per page 14); 4 qts., \$1.50; peck \$2.50.

#### CARPINTERIA POLE LIMA BEAN.

The Beans of this splendid pole lima have a greenish tint, an indication of good quality and an advantage in appearance over the white-skinned varieties. It originated in California as a sport, but the type has been thoroughly fixed, retaining the greenish tint. Vines are vigorous and make strong growth, producing large quantities of pods, containing four large Beans, which are thicker than the ordinary lima, and retain their color even when in the dry state. The Beans cook nicely, and being thin-skinned are exceedingly tender and of fine flavor. The originator, who is a skilful grower, claims that the "Carpinteria" is the most perfect Lima Bean ever introduced. Pkt., 10 cts.; by mail. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (If pint or quart is wanted by Parcel Post add postage as per page 15.) 4 qts., \$1.25; peck, \$2.25.

#### COPENHAGEN MARKET CABBAGE.

This excellent variety from Denmark will command the attention of those who grow for early market, as well as the private growers who desire an extra early, round-headed Cabbage which can be depended upon for making large solid heads at an early season. The heads are grown upon a remarkably short stem, are solid and large in size, weighing 10 to 12 pounds, light green leaves, and of good quality. It is the largest of the early round-headed varieties, and its habit of growth allows of its being planted close together in the field or garden, and it matures so uniformly that the entire crop is ready for cutting at one time. Pkt., 10 cts.; oz., 35 cts.;  $\frac{1}{4}$  lb. \$1.00.





# DANISH BALL HEAD CABBAGE.

This extra hard-heading variety of Cabbage is also known as "Hollander." It is a medium or late variety, but is mostly used as a winter Cabbage. Medium size, round head and a fine keeper. The strong growth of this variety enables it to withstand dry weather well, and its remarkably good keeping quality make it an extremely valuable Cabbage for storing away for winter use. Pkt., 10 cts.; oz., 35 cts.; \(\frac{1}{4}\) lb., \(\frac{5}{1}.00\).

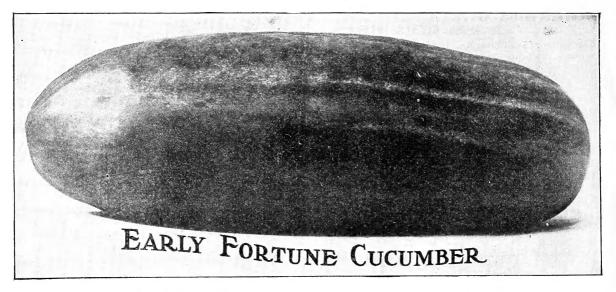
#### DANISH ROUNDHEAD CABBAGE.

Matures earlier than the Danish Ball Head; heads are round, have a short stalk, and are very hard. The interior leaves are pure white and of sweet flavor. It is a healthy variety and able to stand hot weather and resist disease. Pkt., 10 cts.; oz., 35 cts.; ½ lb., \$1.00.

#### CHINESE, OR CELERY CABBAGE.

This vegetable is called Pe-Tsai, or Cut Cabbage, by the Chinese gardeners, and is beginning to attract attention in America. It does not form a cabbage-head, but when grown to its full size resembles the Cos Lettuce, and the outer leaves may be used during its growth. The flavor is mild, and it is used either as a salad or cooked. The plants require plenty of room, and should be set in rows 3 feet apart and 2 feet apart in the row. Pkt., 10 cts.; oz., 35 cts.;  $\frac{1}{4}$  lb., \$1.00.

# HENRY A DREER · PHILADELPHIA · PA · NEWAND CHOICE VEGETABLE SEEDS



#### **ORIGINATORS GOLDEN SELF-BLANCHING** CELERY.

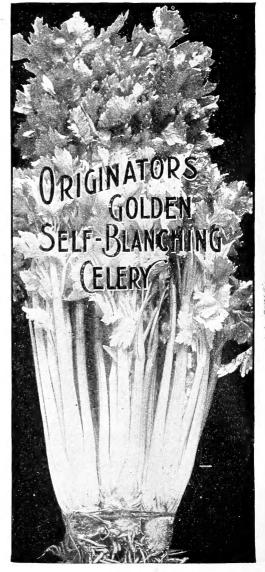
Secured by us direct from the originator in France, and more reliable than American grown seed. Golden Self-Blanching Celery is more largely grown than any other variety, and is one of the best for fall and early winter use. The stalks grow in compact form, are broad, thick and of exquisite flavor. The inner stalks turn yellow as they mature and require very little banking in order to complete the blanching process. There is no better Celery for early use, but it will not keep as well as the more hardy green Celery, and should be grown for early use only. Pkt., 20 cts.;  $\frac{1}{2}$  oz., \$1.00; oz., \$1.75;  $\frac{1}{4}$  lb., \$6.00.

#### WITLOOF CHICORY, or FRENCH ENDIVE.

During the winter this is sold by dealers in fancy fruits and vegetables as "French Endive," and large importations are usually made in order to supply the demand in this country, as it is not yet very largely cultivated, although equally as good stalks may be grown here as those received from Europe. The demand for seed has shown a large increase during the past two or three years, and considerable of the "French Endive" now sold is home-grown. In order to grow good "Witloof" the seed should be sown during May or June in the open ground, in drills 10 or 12 inches apart, in deep, rich soil. Allow the plants to grow until November, keeping free from weeds and watering if necessary. Then take up the roots and trim off the leaves to about 11 inches from the neck, break off any shoots which may appear on sides of root, and shorten lower end so that all will be of a uniform length of 8 to 10 inches. Then plant in a trench 16 to 18 inches deep, placing the roots upright, about  $1\frac{1}{2}$  inches apart. This will leave the necks of the roots about 8 inches below the level of the ground. Fill up the trench with good, light, well-drained soil, and, if speedy growth of any portion of the crop is desired, it may be accomplished by covering with a layer of manure at least 16 inches deep. In about 4 or 5 weeks the leaves will attain their proper size, and the manure may be taken off and roots dug up. The blanched head is the edible portion, and should be cut off, leaving a portion of the neck attached to it. Witloof is eatenraw or as a salad, and is also sometimes cooked like ordinary Endive. Pkt., 5 cts.; oz., 20 cts.; \(\frac{1}{4}\) lb., 60 cts.; lb., \(\psi 1.75\).

#### EARLY FORTUNE CUCUMBER.

This variety of Cucumber was discovered several years ago in a field of "Davis Perfect," and is now so thoroughly established that large fields do not show any variation in plant or fruit. The vines make a strong and vigorous growth, producing abundant crops of Cucumbers, which are slightly longer than Arlington White Spine, more cylindrical inshape and have a very dark green skin. The flesh is thick, seed cavity relatively small and the quality is excellent. This variety is one of the best introduced in years. Pkt., 10 cts.; oz., 20 cts.; \(\frac{1}{4}\) lb., 50 cts.; lb., \$1.50.



#### **GOLDEN CREAM** SUGAR CORN.

A cross of Country Gentleman and Golden Bantam. Ears are ready for use at a very early season; grains are long and pointed, rich cream color when ready, but turn to light golden-yellow when cooked; making an attractive appearance on the table. The quality is very fine, being remarkably sweet and tender. This new variety is distinct, and possesses genuine merit.

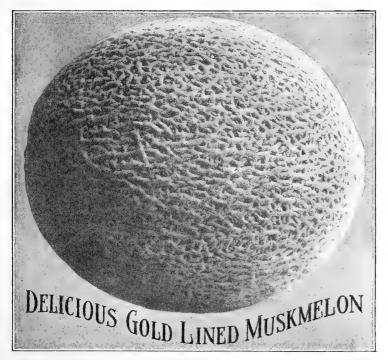
Pkt., 10 cts. by mail. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (If pint or quart is wanted by Parcel Post add postage as per page 24.) 4 qts., \$1.25; peck,

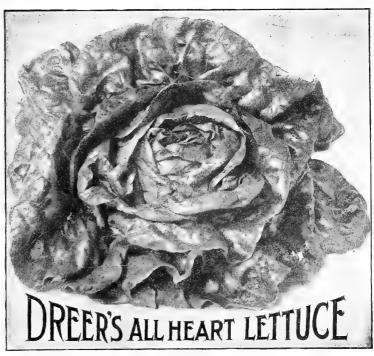
#### FINOCCHIO, or FLORENCE FENNEL.

A delicious vegetable which should be more largely grown. It is extensively used in Italy as a salad, and also may be served boiled. When the enlargement of leaf stalk, at base of stem, is about the size of a hen's egg it should be earthed up so as to cover half of it, and in about ten days cutting may be commenced and continued as the plants increase in growth. The flavor is somewhat like celery, but it has a sweet taste and delicate odor. Pkt., 10 cts.; oz., 30 cts.; \(\frac{1}{4}\) lb., \(\frac{1}{2}\)1.00.

#### DREER'S ALL-HEART LETTUCE.

Introduced by us several years ago, this variety of headlettuce has continually grown in the favor of both private and market gardeners and is the most reliable hard-heading lettuce ever introduced, far superior to all other varieties of cabbagelettuce. It is adapted to both spring and summer use, as it withstands intense heat and forms magnificent large heads with leaves closely set, extremely solid heart, even before it is half grown. The color is a beautiful yellowish-green and the flavor is excellent, being rich and buttery. This is the very best Lettuce for the private garden. Pkt., 10 cts.; oz., 30 cts.; ½ lb.,





#### DREER'S

#### "WONDERFUL" LETTUCE.

We were fortunate in being the introducers of this valuable variety which has become very popular, particularly in the South, where it withstands extreme heat and forms perfect heads of enormous size, which resemble cabbage in their solidity, measuring from 11 to 15 inches across, and frequently weighing 2 and 3 pounds each. The quality is superb, being crisp, rich and tender. Pkt., 10 cts.; oz., 20 cts.; \(\frac{1}{4}\) lb., 60 cts.

#### **DELICIOUS GOLD LINED** MUSKMELON.

Growers of muskmelons, both for home use and for market, will be delighted with "Delicious Gold Lined." The melons are same size as "Rockyford," but specimens run more uniform as to size and shape, which is nearly round, and the skin is covered with a thick gayish netting, adding much to the appearance of the melon. The flesh is green, with slight golden tint next to the seed cavity, and the flavor is delicious, being remarkably sweet and juicy. Vines are productive and melons mature early, making it desirable both for the home garden and for shipping. Pkt., 10 cts.; oz., 20 cts.; ½ lb., 50 cts.; lb., \$1.50.

#### BUSH MUSKMELON.

A very striking feature of this variety of Muskmelon is that the plant grows in bush form, thus making it desirable for growing in the small garden where space for the vining sorts cannot be spared. The plant makes a vigorous growth and is very productive, bearing a large number of melons, which are of about the same size and shape as the well-known Jenny Lind, with green flesh and a delicious flavor. A small area will supply an abundance of melons, as it can be planted in hills 3 feet apart, and will produce nearly double the crop of vine sorts planted on same area. Pkt., 10 cts.; oz., 40 cts.; 1/4 lb., \$1.25; lb., \$4.00.



#### WINTER KING CELERY.

(See colored plate opposite.)

An attractive feature of this variety is that while the other stalks are green, it naturally produces many golden hearts, which are decidedly crisp, very tender and of excellent flavor. In addition to these desirable qualities, it is one of the best of the winter-keeping Celeries, and may be allowed to remain in the trench for a long time, and will come out in first-class condition, solid and free from rot. The plants make a strong growth and are very easy to blanch, which is a decided advantage to the amateur gardener, and also a valuable feature for the market grower. Pkt., 10 cts.; oz., 50 cts.; \( \frac{1}{4} \) lb., \\$1.50.

# EARLY BLACK BEAUTY EGG-PLANT.

(See colored plate opposite.)

This beautiful Egg-Plant is a great improvement over the well-known and largely-grown New York Improved Large Purple. The plants are remarkably healthy in their growth, and produce an abundance of large fruits fully ten days earlier than the New York Improved. The skin is of a rich purplish-black color, making the fruit very attractive in appearance. It is also entirely spineless. The quality is all that could be desired. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., \$1.25.

#### YELLOW ICE-CREAM WATERMELON.

This unique Watermelon is aptly described in a letter received from Mr. E. Stanley Brown, Horticulturist, East Moriches, N. Y., in which he writes: "After repeaued trials, covering four years, I have no hesitancy in stating that Yellow Ice Gream is the 'par excellence' of all Watermelons. The vines are strong, inclined to overbear, and whether fully grown or undeveloped, there seems to be no difference in their high quality of melons, being sweet and crisp. The flesh is bright golden-yellow, skin beautiful green and shape elongated. Our household preferred it to any of several other varieties grown, and found that by laying them on the barn floor, away from the chilly blasts, they kept well into the winter. If I could have only one variety of Watermelon it would be Yellow Ice Cream." Pkt., 10 cts.; oz., 20 cts.; ½ lb., 50 cts.; lb., \$1.50.

#### SENATOR PEA.

Peas fit to pick in about sixty-one days, pods about 4 inches long, curved and rich dark-green color, well filled with medium size, green, wrinked peas, which are very sweet and tender. These are the qualities which recommend this second early Pea to every one who has a garden. The vines grow about  $2\frac{1}{4}$  to 3 feet in height, and when given proper support will yield an enormous crop. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (If pint or quart is wanted by Parcel Post add postage as per page 35.) 4 qts., \$1.25; peck, \$2.25.

#### THE LEADER PEA.

This variety was produced by carefully selecting the rounder seeds found in "Gradus," or "Prosperity," the originator desiring to secure a more hardy variety. It is an English Pea, and seed we supply was grown in England. Vines grow 3 feet high, make a vigorous growth and produce the large pods in great abundance fully as early as "Gradus," but usually larger and more pods to each plant. It is hardy and may be planted early, thus providing a supply of luscious Peas at a very early season. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (If pint or quart is wanted by Parcel Post add postage as per page 35.) 4 qts., \$1.50; peck, \$2.50.

#### POTLATCH PEA.

(See colored plate opposite.)

A large-podded variety of wrinkled Pea, which is very productive and of excellent quality. The vines grow to a height of about 20 inches; foliage is a healthy dark green color and crop matures in about sixty-five days. The pods, which are borne in pairs, are long, dark green, and well filled with large Peas, which, when cooked, still retain their attractive dark green color. "Potlatch" will surely please all who plant it. Pkt, 10 cts., by mail. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (If pint or quart is wanted by Parcel Post add postage as per page 35.) 4 qts., \$1.25; peck, \$2.25.

#### DWARF STONE TOMATO.

(See colored plate opposite.)

A dwar. sturdy plant, like the Dwarf Champion in habit, but of stronger growth. The fruits are large, bright red in color, and resemble the original Stone in shape. Ten Tomatoes picked from one vine at the same time weighed five pounds and three ounces, and the plants were grown under field culture without any fertilizer. The shape of this Tomato is perfect, with good skin, very solid flesh and excellent flavor. Plants are very stocky and do not spread much, but make vigorous growth. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00.

Potlatch Pea

Early Black Beauty
Egg Plant

and of

Dwarf Stone 6



#### SUTTON'S RED INTERMEDIATE CARROT.

(See illustration on opposite page.)

This variety of Carrot is of English origin, and its handsome shape, rich red color and fine quality appeal to all who plant it. The shape is most desirable, tapering to a decided point, and the quality is excellent, being sweet and tender. Pkt., 10 cts.; oz., 25 cts.; ½ lb. 75 cts.; lb., \$2.00.

#### DREER'S ARISTOCRAT SUGAR CORN

(See illustration on opposite page.)

This delicious Sweet Corn was first introduced by us a few years ago. It is a reliable extra early sort, which was for many years controlled by a prominent gardener who supplies truck to the aristocrats of Newport, R. I. It is an extra early variety, stalks grow from 4 to 6 feet high and ears are of large size. The grains are extremely sweet, and, being broad, allow of easy scoring with a knife preparatory to buttering when eating from the cob. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (If pint or quart is wanted by Parcel Post add postage as per page 24); 4 qts., \$1.10; peck, \$2.00.

#### HOODOO MUSKMELON.

(See illustration on opposite page.)

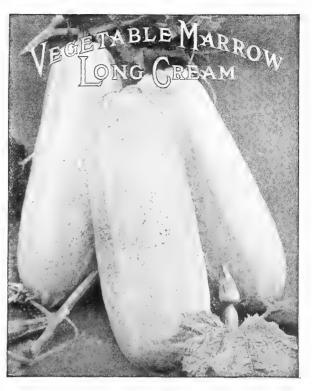
As a Muskmelon for the private garden, this variety will surely please all who plant it, as the melons are not large, but of convenient size for table use. The shin is thickly netted, and flesh a rich, deep orange color, fine grained and of remarkale sweetness. Pkt., 10 cts.; oz., 15 cts.; ½ lb., 40 cts.; lb., \$1.25.

# DREER'S DWARF PERFECTION PARSLEY.

(See illustration on opposite page.)

This variety combines the qualities of a fine culinary herb with those of a beautiful decorative plant. The habit is regular and compact, and the bright green leaves are set so closely that the form of the plant is almost semi-globular. Pkt., 10 cts.; oz., 35 cts.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.





#### PIMIENTO PEPPER.

(See illustration on opposite page.)

This is the sweetest Pepper grown as it does not contain the lightest trace of fieriness. The plants are extremely productive, and Peppers are medium in size and of a shape which is desirable for filling, and when prepared in this manner they are delicious. It may also be used in preparing salads and for flavoring, in which case it will add a fresh and delightful flavor. The flesh is quite thick and the Pepper may be scalded for peeling the skin off. When fully ripe the Peppers are of a bril-

liant red color and very attractive. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 30 cts.; oz., 50 cts.;  $\frac{1}{4}$  lb., \$1.50.

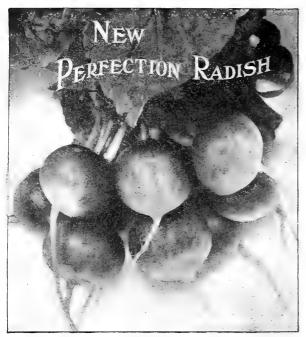
#### SUGAR, OR NEW ENGLAND PIE PUMPKIN.

While this variety does not grow to a large size it is one of the best for making pies. The vines are productive and bear many fruits, which are round, somewhat flattened and show slight ribs, The outer color is a deep orange while the flesh, which is thick and meaty, is a rich deep yellow, fine grained and very sweet. The convenient size and rich flavor of this Pumpkin commend it for home use. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 85 cts.

#### LONG CREAM VEGETABLE MARROW.

This vegetable is largely grown by gardeners in England, but may be grown here equally as well, providing a liberal quantity of manure is dug into the hill and plenty of moisture supplied. Fruits are oblong in shape, and should be eaten when less than half grown, at which time the flesh is very tender and may be cooked like ordinary squash or fried like egg plant. The shape is attractive, color creamy-white, and skin smooth. Pkt., 15 cts.; oz., 35 cts.;  $\frac{1}{4}$  lb., \$1.00.

# HENRY A DREER PHILADELPHIA PA PA PA CHOICE VEGETABLE SEEDS



# EXTRA EARLY JERSEY WHITE BUSH SQUASH.

This is an improved strain of the old White Bush Squash, the result of selections made for a number of years by a prominent gardener. It grows in the bush form, and is enormously productive. The Squashes mature fully ten days earlier than the old sort, and are of good size. They show less ridge or scallop, being better filled out, and contain a larger amount of flesh than the parent variety. The Squashes cook well and the flavor is delicious. Pkt., 5 cts.; oz., 15 cts.; ½ lb., 40 cts.; lb., \$1.25.

#### EARLY DETROIT томато.

After growing this Tomato for several years, we are convinced that it is the best early variety for home use and also valuable for the market gardener. The vines make a strong and vigorous growth and fruits set and ripen early, continuing to do so throughout the entire season. The size is medium to large, shape nearly round, perfectly smooth and skin purplish-pink. The fruits are very solid and seldom crack and vines are remarkably free from attacks of blight, thus making it the most desirable early Tomato introduced in recent years and the best of the early purplish-pink sorts. Pkt., 10 cts.; oz., 30 cts.; 1 lb., \$1.00.

#### DREER'S SUPERB SALAD TOMATO.

This variety is distinctly a salad Tomato, as it does not grow large or coarse. It is just the right size for serving whole with let-The plants are of healthy, robust growth, and produce a great abundance of fruit, which is even in size, solid and contain but few seeds. The color is a rich scarlet and the flavor very good. The variety can also be grown under glass. Pkt., 10 cts.; oz., 40 cts.; 1 lb., \$1.25.

#### NEW PERFECTION RADISH.

This type of Radish, having red skin with a white tip, has long been a great favorite, and with this variety the white portion extends much farther up than is the case with ordinary Scarlet Turnip White Tip Radish. The upper portion is a rich, brilliant red, showing in great contrast to the lower portion, which is pure white, and adding greatly to its attractive appearance. The general contour is turnip-shape, and size medium, very uniform, with flesh crisp, tender and sparkling. The rapidity of its growth recommends "New Perfection" for growing in the greenhouse, but it is equally as valuable for sowing in the vegetable garden. Pkt., 10 cts.; oz., 15 cts.; ½ lb., 40 cts.; lb., \$1.25.

#### EARLIEST RED MAY RADISH.

An exceedingly attractive Radish which makes a remarkably quick growth and is ready for the table in about twenty days. The Radishes are of a desirable size and uniform in shape, with small tops and of excellent flavor. This is a splendid variety for growing the earliest Radishes in the kitchen garden and also suitable for forcing under glass. Pkt., 10 cts.; oz., 15 cts.; ‡ lb., 40 cts.; lb., \$1.25.

#### EARLIEST WHITE MAY RADISH.

This beautiful Radish will make a fine companion for the red variety described above, and produces the Radishes even earlier, 18 days being sufficient length of time to grow them to a size suitable for table use. It is mild and tender, and the beautiful white skin, together with uniform shape and small tops, make it all that could be desired. Pkt., 10 cts.; oz., 15 cts.; 4 lb., 49 cts.; lb., \$1.25.

#### DELICIOUS SQUASH.

This fall and winter Squash is finer-grained and more delicious than the well-known Hubbard. The color of skin is green, with an occasional blue specimen; size about same as Hubbard, weighing from 5 to 10 pounds. The shell is not very thick, but is hard and strong; the flesh is thick and of a bright yellow color, fine-grained and of splendid quality. For table use, either as a fall or winter Squash, it cannot be excelled. Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts.; lb., \(\frac{\$1.50}{2}\).



# Dreer's Reliable Vegetable Seeds

DREER'S SEEDS have been for seventy-eight Years a Standard Among the Best Gardeners of this Country for Undoubted Purity and Excellence.

The Cultural Directions given in this book for growing Vegetables are for the latitude of Philadelphia. Persons living in

a more southern latitude should start earlier, while those living farther north should begin to plant later.

Hotbeds and Cold Frames should be more generally used, even by those having small gardens. The Hotbed is especially valuable in the spring for starting the plants of early vegetables and many flowers, thus having them ready to set out as soon as the ground is in condition. We have prepared a leaflet on "Making and Care of Hotbeds and Cold Frame," and will gladly mail a copy to any who write or request it on their order.

## **ARTICHOKE**

Artichaut, Fr. Alcachofa, Sp. Artischoke, GER.

#### Artichoke Plants and Roots.

Plants of Dreer's Selected Large Green Artichoke. Artichokes are not always satisfactory when grown from seed, owing to the numerous undesirable types produced. We have arranged to furnish plants of this variety, which is the best kind sold in the Paris market. They should be set out early in April, when soil is in condition, in rows 3 feet apart, 2 to 3 feet apart in row, care being taken to press closely, but not plant too deep. Per doz., \$1.50; per 100, \$10.00, by express. Delivery after April 15th.

Jerusalem Artichoke Roots. Distinct from the Globe, and propagated by and for its tubers. Largely used for pickling and for feeding stock. Price of tubers: By express or freight, at purchaser's expense, qt., 25 cts.; peck, \$1.25; bu., \$4.00.





#### ARTICHOKE SEED.

Large Green Globe. Pkt., 10 cts.; oz., 40 cts.; \(\frac{1}{4}\) lb.,\\$1.25.

## ASPARAGUS SEED

Asperge, Fr.

One ounce will produce about 200 plants; 4 to 5 lbs. to the acre. Leaflet on Asparagus Culture, giving directions for preparing the bed, planting and cultivating, also winter treatment of

the plants, will be mailed free to all applicants.

DREER'S Eclipse Asparagus. (See cut.) This variety is the result of careful selection, and "breeding up" to the large type, yet retaining that delicate light-green color and tender quality desired. It is the best kind for home use.

Pkt., 10 cts.; oz., 15 cts.; \$\frac{1}{4}\text{lb.}, 30 cts.

rgenteuil. Very popular in France, and extensively grown for the Paris market. The stalks grow to a mammoth size, sometimes weighing as much as 4 ounces each. We supply

French grown seed. Pkt., 10 cts.; oz., 15 cts.; † lb., 30 cts. Conover's Colossal. Large and productive. Shoots are bright green. Pkt., 5 cts.; oz., 10 cts.; † lb. 20 cts. Palmetto. An early, prolific and very desirable variety. Shoots

deep green. Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 25 cts. Columbian Mammoth White. Large white stalks, very tender. Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 25 cts.

ASPARAGUS ROOTS (See page 264).

# Krup Bohnen, Ger. BEANS—Dwarf or Bush

Haricots Nains, Fr. Frigolis, Sp.

One quart will plant one hundred feet of drill.

Culture.—Beans are somewhat tender, but it often pays to take some risks. Plant in warm, loamy soil at the beginning of settled, warm weather in spring, and at intervals for succession until August. Rows may be made 2 feet apart, and the Beans planted a few inches apart in the drills, or 3 or 4 Beans in hills 6 to 8 inches apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw the soil up towards the rows or plants. For string Beans gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.

#### SHORTAGE OF BEANS.

There never was a time when Seed Beans of the green and wax-pod varieties were as scarce as now. This is due to conditions during the growing season of 1915, when blight and disease caused many crop failures, and in some instances the Seed Growers did not get back one-half the quantity of seed planted. This has caused an advance in prices, and our offers of Beans are made on condition that stock is unsold upon receipt of order. We advise customers to secure their seed beans by ordering early, before our stock is exhausted, as we fear that it cannot be replaced.



#### BEANS BY PARCEL POST

The prices given in this Catalogue for Beans of all kinds are for same to be sent by express or freight, at purchaser's expense. If pints or quarts are wanted sent by Parcel Post remit extra as follows:

To points East of Mississippi River add 8 cts. pt., 12 cts. qt. To points West of Mississippi River add 15 cts. pt., 25 cts. qt.

#### GREEN-PODDED VARIETIES,

Packets of all varieties of Beans, 10 cts. each.

Improved Extra Early Red Valentine. (See cut.) A standard variety, extra early and bears pods which are round; long, slightly curved, of excellent quality and is one of the best for private use and market. The seed we supply is from a strain which has been selected especially for earliness and good quality. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.40.

Mammoth Stringless Green Pod. Plants are very productive, bearing pods which are perfectly round, very fleshy and entirely stringless. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 55 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.00.

Stringless Green Pod (Burpee's). Ripens earlier than Valentine, and remains tender and crisp a long time after maturity. Pods are pale green, long and straight, round, meaty and stringless. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 55 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.00.

Keeney's Stringless Refugee. Pods are medium to long, round, stringless, and very brittle. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 55 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.00.

Early Mohawk. Extremely hardy, may be planted very early. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page): 4 cts. \$1.40.

page); 4 qts. \$1.40.

Long Yellow Six Weeks (Flat Pod). A well-known variety which is mostly grown for market. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts. \$1.40.

at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.40.

Extra Early Refugee. Pods are of medium size, light green and of good quality: By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.40.

Bountiful. Pods grow to large size, are broad and fleshy, cook tender and fine quality. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 50 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.75.

Black Valentine Beans. Bears an abundant crop of large

Black Valentine Beans. Bears an abundant crop of large pods, which are straight, almost round and dark green. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 50 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.75.

Triumph of the Frames. A good variety for forcing. Produces a mass of pale green pods. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 50 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.75.



# BEANS\_continued

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#### WAX OR YELLOW-PODDED VARIETIES.

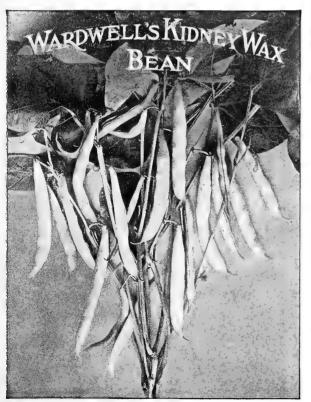
Packets of all varieties of Beans, 10 cts. each.

Improved Rust=proof Golden Wax. (See cut.) An improvement on the original Golden Wax. The pods grow long, nearly straight, broad, flat and are clear yellow. vines grow erect and bear the pods well off the ground, thus preventing rust and rot. By express or freight, at purchaser's expense. Pt., 35 cts.; qt., 60 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.25.

Wardwell's Kidney Wax. (See cut.) A popular variety of Wax Bean, bearing long, flat pods, of a delicate waxy yellow, stringless and brittle, producing a heavy crop. pods mature later than Golden Wax, but are produced in great abundance. By express or freight, at purchaser's expense. Pt., 35 cts.; qt., 60 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.25.

Improved Prolific Black Wax (Cylinder Pod). This is a marked improvement on the Black Wax; pods waxy-yellow, very tender and productive. By express or freight, at purchasers expense. Pt., 35 cts.; qt., 60 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.25.

Currie's Rust-proof Wax. An improvement on the oldfashioned Golden Wax. Pods grow long, flat, very tender and of finest quality. By express or freight, at purchaser's expense. Pt., 35 cts.; qt., 60 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.25.





Pencil Pod Black Wax. An improvement on the Prolific Black Wax, hardier and more prolific. By express or freight, at purchaser's expense. Pt., 35 cts.; qt., 60 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.25.

Saddle=back Wax. This variety is of beautiful shape and color. The pods are long, round, very solid and absolutely stringless. By express or freight, at purchaser's expense. Pt., 35 cts.; qt., 60 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.25.

Hodson Wax-pod. Produces large quantities of creamywhite pods which are of good quality. Remarkable for its wonderful growth of plant, even during seasons when many other sorts grow slowly. By express or freight, at purchaser's expense. Pt., 35 cts.; qt., 60 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.25.

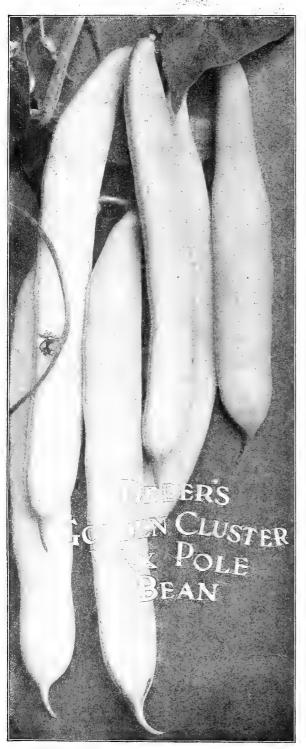
Stringless Refugee Wax. This variety is an improved type of the Refugee Wax, to which it is far superior. are of very robust growth and extremely productive, bearing an abundant crop of large, rich golden-yellow pods. By express or freight, at purchaser's expense. Pt., 35 cts.; qt., 60 cts. (if by Parcel Post add as noted at top of page); 4 qts.,

Sure-crop Stringless Wax. A valuable new variety of Dwarf Wax Bean, which, while not related to the well-known Currie's Rust-proof Wax, bears a great resemblance to it in plant, pod and bean. The plant is strong and holds pods well off the ground and will stand long seasons of wet weather. By express or freight, at purchaser's expense. Pt., 35 cts., qt., 60 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.25.

## BEANS—continued

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#### DWARF VARIETIES OF SHELL BEANS.

Michigan Wonder Pea Bean. This variety of Pea Bean will outyield all others, and is safer to grow because it ripens earlier and matures the entire crop about the same time. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25.

White Marrowfat.

Bean, for winter use.

expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25.

White Kidney, or Royal Dwarf. A superior kind for

White Kidney, or Royal Dwarf. A superior kind for baking. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25.

Do-do D D (37	. QT.	4 QTS.
Boston Pea Bean (Navy)	35	<b>\$</b> 1 25
Black Turtle Soup	35	1 25
Red Kidney 20	35	1 25
Green Flageolet (Wonder of France), 30	50	1 75
Broad Windsor30	50	1 75

#### POLE BEANS.

CULTURE. Pole Beans, especially Limas, require warm and very rich, loamy soil. Plant when the soil has become well warmed through in spring. If planted in cold or soggy soil, the seed will rot. Use poles 5 to 8 feet long set in rows 4 feet apart each way, or in drills, if wire trellis is used. Plant 4 to 6 Beans around each pole, and thin out to 3 plants to a pole, or 2 to 3 Beans may be planted in hills a foot apart under a wire trellis. Cultivate freely, and if possible top-dress around each hill with small quantity of poultry manure, compost or some good fertilizer. When hoeing, work this dressing well into the soil. Sprouted Limas transplant easily. You can get a picking ahead of your neighbor's by starting the Beans under glass in April and transplanting to open ground in proper season. One quart will plant 150 to 200 hills.

#### POLE BEANS-GREEN POD.

Kentucky Wonder, or Old Homestead. Excellent for snap-shorts, matures early and is very productive. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

White Creaseback, or Best of All. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Lazy Wife's. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Horticultural, or Speckled Cranberry. By express or

Horticultural, or Speckled Cranberry. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Scarlet Runner. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

White Dutch Case-Knife and White Dutch Runner. Either variety by express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

#### POLE BEANS-WAX POD.

Kentucky Wonder Wax. (See Specialties, page 4.) By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Dreer's Golden Cluster Wax. (See cut.) Bears long golden-yellow pods in clusters of from three to six, from bottom to top of pole, and continues in bearing from middle of July until the vines are cut by frost. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck,

Stangen Bohnen, GER.

# POLE BEANS

Haricots a rames, FR. Frijol vastago, Sp.

CULTURE.—Pole Beans, especially Limas, require warm and very rich, loamy soil. Plant when the soil has become well warmed through in spring. If planted in cold or soggy soil, the seed will rot. Use poles 5 to 8 feet long set in rows 4 feet apart each way, or in drills, if wire trellis is used. Plant 4 to 6 Beans around each pole, and thin out to 3 plants to a pole, or 2 to 3 Beans may be planted in a hill a foot apart under a wire trellis. Cultivate freely, and if possible top dress around each hill with small quantity of poultry manure, compost or some good fertilizer. When hoeing, work this dressing well into the soil. Sprouted Limas transplant easily. You can get a picking ahead of your neighbors by starting the Beans under glass in April and transplanting to open ground in proper season. One quart will plant 150 to 200 hills.

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Packets of all varieties of Beans, 10 cts. each.

Carpinteria Lima. (See specialties, page 5.) By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

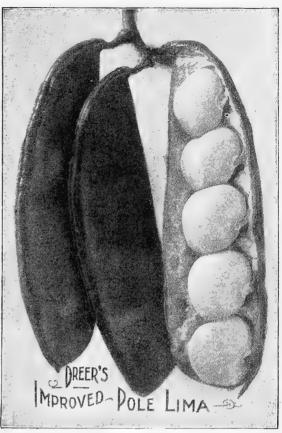
Dreer's Improved Lima. (See cut.) An early variety of excellent quality and great productiveness. best variety for private gardens, and will shell out more beans from a given number of pods than any other pole lima. The quality is exceedingly fine, the Beans cooking rich and mealy. In some sections this variety is called Challenger, or Potato Lima. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Early Leviathan Lima. The earliest variety of pole lima; produces pods in clusters. A good variety where the season is short, as it can be depended upon to produce a good crop even in those sections of the country that have only a short growing season. The pods are long, and contain from four to five large beans, which are flat in shape, of good size and excellent quality. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Early Jersey Lima. This variety matures a few days earlier than the King of the Garden. Pods contain three and four large By express or freight, at purchaser's expense, pt., 20 beans each. cts.; qt., 25 cts. (if by Parcel Post add as noted at top of page); 4 qts.; \$1.10; peck, \$2.00.

Seibert's Early Lima. Early and a great improvement on the large Lima. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

King of the Garden Lima. A vigorous grower bearing large pods, varying in length from 5 to 8 inches. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.



Small Lima, or Sieva. Beans small, good quality and very productive. By express or freight, at purchaser's expense. pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

#### DWARF OR BUSH LIMA BEANS

CULTURE. - Select land that is especially warm, rich and well supplied with vegetable fibre or humus. Plant as soon as the soil has become warm in the spring. Make the rows 2 feet apart and give to each plant 6 inches space in the row. A topdressing of poultry manure, ashes, or some good fertilizer or compost around the plants will be of much benefit in hastening
maturity and increasing the yield. One quart will plant 100 feet of row; \(\frac{3}{4}\) bushel for an acre.

Dreer's Wonder Bush Lima. This variety of Bush Lima | Dreer's Bush Lima. A dwarf variety of Dreer's Im-

Bean is very desirable on account of earliness and productive-The plants are of strong, upright growth, and are completely covered with large pods, many of which contain four Beans, which are as fully as large as the Pole Limas. The Beans are flat in shape and of excellent quality. By express or freight, at purchaser's expense, pt.; 25 cts.; qt., 45 cts. (if by Parcel Post add as noted at top of page), 4 qts., \$1.50; peck, \$2.50.

Burpee's Bush Lima. A Bush form of the Large White Lima which is of good quality; By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Burpee—Improved Bush Lima. Pods and Beans are ex-

tremely large. Plant grows more erect than Burpee's Bush Lima. By express or freight, at purchaser's expense pt., 30 cts.; qt., 50 cts. (if by Parcel Post add as noted at top of page): 4 qts., \$1.75; peck, \$3.00.

Dreer's Bush Lima. A dwarf variety of Dreer's Improved Lima. The Beans grow close together in the pods and are thick, sweet and succulent. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 45 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Fordhook Bush Lima Bean. This valuable variety is a perfected form of Dreer's Bush Lima, which variety it resembles in form of pod and shape of Bean, but both are larger and the plant is of a strong upright growth, protecting the pods from contact with the soil, thus preventing rust or rot. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 50 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.75; peck, \$3.00.

Henderson's Bush Lima. A dwarf variety of the Sieva or Small Lima. By express or freight, at purchaser's expense. pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at at top of page); 4 qts., \$1.25; peck, \$2.25. HENRYA DREER PHILADELPHIA PA RELIABLE VEGETABLE SEEDS :

Rothe Ruebe, GER.

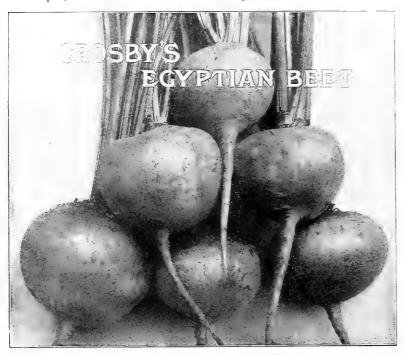
# **BEETS**

Betterave, Fr.

Remolacha, Sp.

One ounce will sow 50 feet of drill; 5 to 6 pounds for an acre.

Culture.—Fibrous loam, well-drained and well-enriched, will raise good Beet crops. For early table Beets, have drills 16 to 20 inches apart, and sow the seed about 1 inch deep, as early as the ground can be put in good shape. Or seed may be sown



under glass four weeks sooner, and the young seedlings transplanted to open ground, to give an extra early crop. Give thorough and clean cultivation, and thin the plants to stand 3 to 4 inches apart in the rows. For succession sow at intervals until middle of July. For the earliest sowings a light dressing of nitrate of soda, say 100 pounds per acre, will sometime, work wonders.

Dreer's Special Crosby's Egyptian. (See Specialties, page 4.) Pkt., 10 cts.; oz., 20 cts.; ½ lb., 50 cts.; lb., \$1.75.

Early Model. (See Specialties, page 4.) Pkt., 10 cts.; oz., 20 cts.; ½ lb., 50 cts.; lb., \$1.75.

Dark=leaved Globe. (See Specialties, page 4.) Pkt., 10 cts.; oz., 20 cts.; ½ lb., 50 cts.; lb., \$1.75.

Crosby's Egyptian. (See cut.) Extremely early; and may be grown either out of doors or under glass, and in either case the young Beets are fit for use at an early stage of their growth. It is thicker through than the old Egyptian, and this, together with the rich vermilion color, makes it a very attractive sort. The quality is excellent, being sweet and tender. Pkt., 5 cts.; oz., 15 cts.; 4 lb., 45 cts.; lb., \$1.50.

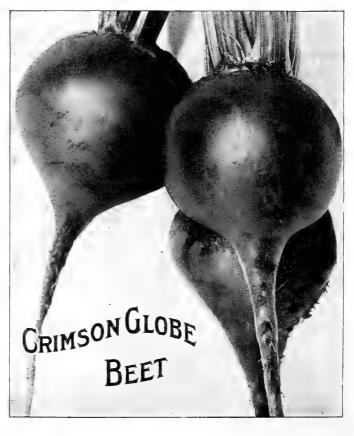
Early Eclipse. Perfectly smooth and round; skin and flesh intense red. This variety is extremely early; in fact, one of the first to be ready for the table. It does not grow to large size, but is desirable for its earliness and sweet, tender quality. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

Extra Early Egyptian. An early variety, which is suitable for forcing and growing in the open garden. The tops are small and the Beets are rounded on top, but flat at bottom end. The color of flesh is dark and light red and the Beets are tender. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., \$1.00.

Detroit Dark Red. A choice variety of early turnip Beet, largely grown by both private and market gardeners, and extremely desirable on account of its early maturity, small top and handsome appearance. The tops make an upright growth, thus allowing of planting in close rows, a valuable feature where space in the garden is limited. The Beet is somewhat globe shape, skin blood-red and flesh rich red, zoned with a darker shade. The Beets are sweet when cooked, and it is a splendid variety for canning. Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 45 cts.; lb., \$1.50.

Dreer's Excelsior Blood. The attractive form and rich dark color of this Beet commend it to all. The lesh is blood-red, remarkably sweet and tender, retaining all these qualities until it has attained an advanced age. Pkt., 10 cts.; oz., 20 cts.; \(\frac{1}{4}\) lb., \(\frac{50}{50}\) cts.; lb., \(\frac{\$1.75}{50}\).

Crimson Globe. (See cut.) This Beet is remarkable for its smooth skin and fine shape. It is a second early variety, does not grow large and coarse, the matured Beets being medium in size and of good shape. The flesh and skin are both very dark and quality fine, being sweet and tender. The tops are small and dark in color. We are confident that this Beet will please all who plant it. Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 45 cts.; lb., \$1.50.



# BEETS-Continued.

Edmand's Blood Turnip. (See cut.) A good variety to follow the extra early sorts, and one of the best for winter use. Skin and flesh are both dark red and the quality is good. Pkt., 5 cts.; oz., 15 cts.; 1 lb., 40 cts.; lb. \$1.25.

Early Blood Turnip. A fine selection, early and also good for summer and autumn use. Pkt., 5 cts.; oz.,

10 cts.; 4 lb., 30 cts.; lb., \$1.00.

Dewing's Improved Blood Turnip. An improved Early Blood Turnip. The skin is dark red and flesh carmine, striped with a lighter shade. The flesh is tender and has a sweet flavor. Pkt., 5 cts.;

oz., 10 cts.; ½ lb., 30 cts.; lb., \$1.00.

Bastian's Early Blood Turnip. A good early turnip-shaped Beet. The flesh is bright red and whiteand the quality is very good. Pkt., 5 cts.; oz.,

10 cts.; ½ lb., 30 cts.; lb., \$1.00.

Early Bassano. A rapid-growing variety, having large leaf-top, which may be used as greens. The roots grow to good size and are very sweet. Flesh is white and rose-colored. Pkt., 5 cts.; oz., 15 cts.; 1 lb., 40 cts.; lb., \$1.25.

Bastian's Half Long Blood. A fine variety for either spring or winter use. The roots are smooth, flesh bright-red and quality excellent. For winter use the seed should be sown early in July. cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts.; ib., \(\frac{\$1.25}{.}\)

Long Dark Blood. A good late variety. cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., \$1.00. Pkt., 5

#### SWISS CHARD, OR SPINACH BEET.

Swiss Chard, Giant Lucullus. The leaves of Swiss Chard are used as greens, cooked in the same manner as spinach, and the large ribs are prepared like asparagus, in which manner they are delicious. "Giant Lucullus" is the largest and best variety of the Swiss Chard. Pkt., 10 cts.; oz., 15 cts.; ½ lb., 45 cts.; lb., \$1.50.

Swiss Chard, or Silver Beet. Produces large, light-colored leaves. Pkt., 5 cts.; oz., 10 cts.; 1 lb., 30 cts.; lb., \$1.00.

#### MANGEL WURZEL.

Sow 6 lbs. to acre, in May or June, in rows  ${\bf 2}$  feet apart, and thin to  ${\bf 9}$  inches. Cultivate with horse.

Mammoth Long Red. This is a favorite variety with dairymen. \(\frac{1}{4}\) lb., 20 cts.; lb., 50 cts.; 10 lbs., by express or freight, at purchaser's expense, \$3.50.

Red Globe. A large red oval variety; keeps well and produces better crops on shallow soil than the Long Red. 1b., 20 cts.; lb., 50 cts.; 10 lbs., by express or freight, at pur-

chaser's expense, \$3.50.

Golden Tankard. Considered indispensable owing to its productiveness and richness in saccharine matter. yellow flesh and skin. \(\frac{1}{4}\) lb., 20 cts.; lb.; 50 cts.; 10 lbs., by express or freight, at purchaser's expense, \(\frac{1}{3}\).50.

Golden Yellow Mammoth. A long Mangel resembling in form and size the Red Mammoth. \(\frac{1}{4}\) lb., \(20\) cts.; \(\text{lb.}\), \(50\) cts.; 10 lbs., by express or freight, at purchaser's expense, \$3.50.

Yellow, or Orange Globe. Same as Red Globe, only different in color. \(\frac{1}{4}\) lb., 20 cts.; lb., 50 cts.; 10 lbs., by express or freight, at purchaser's expense, \$3.50.

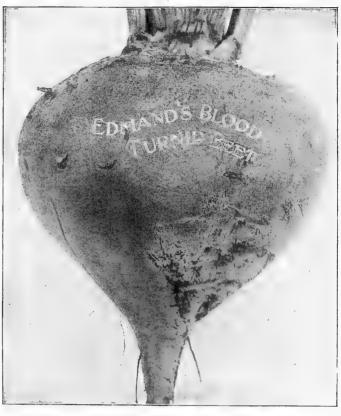
#### SUGAR BEETS.

Klein Wanzleben. This variety is without question the best in cultivation; not largest in size, but richest in saccharine matter. ½ lb., 20 cts.; lb., 50 cts.; 10 lbs., by express or freight, at purchaser's expense, \$3.50.

White Sugar Green top. Excellent for stock feeding and sugar making. 1/4 lb., 20 cts.; lb.; 50 cts.; 10 lbs. by express

or freight; at purchaser's expense, \$3.50.

Lane's Improved White Sugar. A very productive variety. 1 lb., 20 cts.; lb., 50 cts.; 10 lb., by express or freight, at purchaser's expense, \$3.50.



#### BROCCOLI.

Spargel Kohl, GER. Chou-Brocili, FR. Broculi, SP.

This vegetable is used in the same manner as Cauliflower and the method of culture is the same. It thrives best in rich soil and during cool weather, and is greatly aided in its growth by frequent hoeing and watering. Sow seed in hot-bed in January or February and transplant into cold frames, 2 or 3 inches each way. Set out in open ground early in spring, about  $2\frac{1}{2}$  feet To obtain the best flavor, Broccoli should be cooked soon after being cut, as it deteriorates if allowed to remain uncooked for any length of time and becomes somewhat bitter.

White Cape. An excellent variety, making large, compact heads of a creamy-white color and of good flavor. It resembles the Cauliflower although somewhat coarser. Pkt., 10 cts.; oz., 35 cts.; \(\frac{1}{4}\) lb., \(\\$1.00\).

#### BRUSSELS SPROUTS.

Rosen-Kohl, GER.

Chou de Bruxelles, Sp.

Culture. Sow seed for plants in frames or open ground. Set plants in early spring, and for succession up to July, making rows 3 feet apart and having the plants stand 120 to 2 feet apart in the row. Cultivate same as Cabbages.

#### One ounce will sow 200 feet of drill.

Dreer's Select Matchless. A small leaved variety of this desirable vegetable, which through careful selection has been brought to perfection. Grows freely during the summer, and is fully developed by the early frosts, at which time the stems are thickly set with sprouts. Pkt., 10 cts.; oz., 35 cts.; \(\frac{1}{4}\) lb., \$1.00.

Long Island Half Dwarf. An American variety, thoroughly acclimated; dwarf, robust habit; will endure the climatic changes better than the foreign sorts, and much freer from mildew and aphis. Pkt., 10 cts.; oz., 35 cts.; ½ lb., \$1.00.

Kohl, GER.

Chou, Fr.

# **CABBAGE**

Berza, Sp.

Sow one ounce for 3,000 to 4,000 plants, 4 ounces for one acre.

CULTURE. For plants of the earliest sorts sow seed in January or February under glass, and prick out in flats or frames about 2 inches apart each way. Transplant to open ground as soon in spring as the land can be properly prepared. A rich, warm, fibrous loam is best. Have the plants in the rows 20 to 24 inches apart, and rows at least 2 feet apart. Give thorough cultivation and irrigate in dry weather if practicable. Protect against the ravages of cutworm, maggot and green worm. A little nitrate of soda applied around the plant is of great benefit. Potash applications, such as wood ashes or muriate, may also do much good. For late Cabbage plants, sow seed in drills in open ground during April and May, and transplant in June and July, giving the plants more room than allowed for earliest Cabbages. Dusting with tobacco dust, insect powder, etc., or splashing with hot soapsuds, especially Whale-Oil Soapsolution, are good and safe remedies for some of the insect pests attacking plants of the Cabbage.



#### SECOND EARLY VARIETIES.

Dreer's Early Drumhead. A second early, large, round, solid-heading variety. This we consider the best for following Charleston Wakefield; it matures about ten days later. Pkt., 5 cts.; oz., 30 cts.; ½ lb., 85 cts.

Early Summer. (See cut.) A second early Cabbage, which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head, with short outer leaves, which admit of close planting in the field. Pkt., 5 cts.; oz., 30 cts.; ½ lb., 85 cts.

All Head Early. The largest heading of the second early sorts, of excellent quality. The deep flat heads are remarkably solid, and very uniform in size, of a very compact growth, having a few outer leaves; can be planted as close as the Wakefield. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 85 cts.

Succession. A good second early round-headed sort, heads very evenly, and comes in a few days after the Early Summer and makes a larger head. It is grown largely by both market gardeners and the amateurs. Pkt., 5 cts.; oz., 30 cts.; ½ lb., 85 cts.

Improved Flat Brunswick. Produces large heads, with short stems and of excellent quality. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 85 cts.

Selected All-Seasons (Vandergaw). An early Drumhead Cabbage, yielding heads of the largest size and good quality. Very desirable; either for early spring, summer, or fall use. Pkt., 5 cts.; oz., 30 cts.; ½ lb., 85 cts.

#### EARLY VARIETIES.

Copenhagen Market. (See Specialties, page 5). Pkt., 10 cts.; oz., 35 cts.;  $\frac{1}{4}$  lb., \$1.00.

Small Extra Early Jersey Wakefield. This variety does not produce as large a head as the original Jersey Wakefield Cabbage, but matures earlier. It is very hardy, and while the heads are small they are solid and firm, and the quality is fully equal to the well-known "Jersey Wakefield" As a first-early Cabbage this variety will prove satisfactory not only on account of its earliness, but because of its tenderness and fine flavor. Pkt., 10 cts.; oz., 45 cts.; ¼ lb., \$1.25.

Early Jersey Wakefield. A leading early variety, and one of the best for private or market gardener's use; conical shape and good quality. Our strain of this variety is exceptionally fine. Pkt., 10 cts., oz., 30 cts.; ½ lb., 85 cts.

The Charleston, or Large Wakefield. (See cut.) Large solid heads, of good quality, a few days later than Early Jersey Wakefield; especially recommended for institutions and market gardeners, producing fully twice as much per acre as the early variety. The strain we offer is very fine, and cannot fail to give satisfaction, as it combines all the good qualities of an early long-keeping Cabbage. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.00.

Early Winnigstadt. Conical shaped heads. medium size, very solid and of good quality. Pkt., 5 cts.; oz., 30 cts.; ¼ lb. 85 cts.



# CABBAGE—Continued.

#### LATE VARIETIES.

Danish Ball Head. (See Specialties, page 5.) Pkt., 10 cts.; oz., 35 cts.; \(\frac{1}{4}\) lb., \(\frac{1}{2}1.00\).

Danish Roundhead. (See Specialties, page 5.) Pkt. 10 cts.; oz., 35 cts.; ½ lb., \$1.00.

Chinese, or Celery Cabbage. (See page 5.) Pkt., 10 cts.; oz., 35 cts.; \(\frac{1}{4}\) lb., \(\\$1.00\).

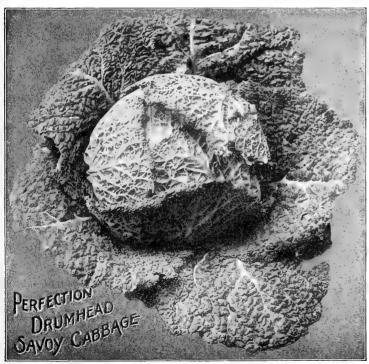
Large Late Drumhead. A favorite winter variety with those who grow cabbage for shipping, as it stands transportation well. Heads are solid and of good texture, and have very few loose leaves, thus allowing of planting closely in the field. Pkt., 5 cts.; oz., 30 cts.; ½ lb., 85 cts.

Autumn King, or World Beater. Heads large size, solid, good quality and an excellent winter keeper. A late variety and should have a long season of growth. Pkt., 5 cts.; oz., 30 cts.; ½ lb., 85 cts.

Dreer's Selected Late Flat Dutch. (See This is the finest strain of Late Flat cut. Dutch Cabbage on the market. The heads are flat and grow remarkably large, even, very solid, and are of fine texture. Stems grow short and the quality of the Cabbage is very fine. It is very hardy and makes a slow growth, but is a sure heading sort, and nearly every plant can be depended upon to produce a fine large head. Pkt., 10 cts.; oz., 35 cts.; \(\frac{1}{4}\) lb., \(\frac{5}{1}.00\).



Perfection Drumhead Savoy. (See cut.) Of superior quality; the largest solid-heading Savoy, and has the rich flavor of the cauliflower. The plants are strong and vigorous, and withstand the ravages of the cabbage worm better than other sorts. This is the best main crop variety for market gardeners, as it will produce larger heads than any other kind of Savoy Cabbage, Pkt., 5 cts.; oz., 30 cts.; 1 lb., 85 cts.





#### RED CABBAGE.

Early Red Dutch Erfurt. An old-time variety, largely used for pickling. The heads are solid, dark red in color and of excellent quality. Pkt., 5 cts.; oz., 30 cts.; \(\frac{1}{4}\) lb., 85 cts.

Mammoth Rock Red. This is the largest variety of Red Cabbage and produces heads which are remarkably solid, more so than any other kind. The heads are round with

spreading outer leaves and mature at a late season. It is the best and most attractive Red Cabbage grown. Pkt., 5 cts.; oz., 30 cts.; 1/4 lb., 85 cts.

#### CABBAGE PLANTS.

(See page 264.)

#### CARDOON.

Culture .- Sow seed in open ground in early spring, either for plants to be transplanted, or directly where the crop is to mature. Have rows 3 to 4 feet apart, and plants standing 1 to 2 feet apart in the rows. Cardoon is sometimes grown in trenches in same manner as celery used to be grown. To make the stalks edible, they must be bleached much like celery. The mature leaves are tied together, wrapped in straw, and banked up with earth. The stalks will blanch fit for use in 3 to 4 weeks.

Large Smooth Solid. Grows about 4 feet high and is almost free of spines. Pkt., 10 cts.; oz., 25 cts.; \(\frac{1}{4}\) lb., 75 cts.

#### CHERVIL.

Culture.—The seed of Curled Chervil may be sown in well-prepared ground at any time during the spring. The rows should be about one foot apart and plants cultivated like parsley. The leaves are aromatic and used for seasoning.

Curled Chervil. Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts.



Blumenkohl, GER.

# CAULIFLOWER

Chow Fleur, FR. Coliflor, Sp.

One ounce of seed will produce about 3000 plants.

For earliest Cauliflower, raise plants by sowing in hotbed or greenhouse during January or February, and transplant to flats or cold frames, 2 or 3 inches apart each way. Set in open ground as soon in spring as the land can be put in good order. Soil to be a warm, very rich, fibrous loam, well supplied with humus and moisture. Copious water applications during dry weather, especially when the plants are heading, and light dressings of nitrate of soda and potash are of much help. Set plants 2 to 2) feet apart each way. When heads are formed and are hard, they should be blanched by drawing the leaves together and tying with raphia, or strips of soft cloth. For late Cauliflower, to mature during the pickling season (August 15th to October 10th) start plants in open ground like late cabbages, and handle them like that crop.

DREER'S Earliest Snowstorm. (See cut.) We have given this variety much care and attention, and the uniformly good results received by growers using our "Snowstorm" convince us that we have the very best and earliest strain of Cauliflower on the market, both for forcing and for growing in the open ground. It has been used by our customers in different sections, and the report is alike from each: "The best they ever grew." It is a dwarf variety, with short outer leaves, and can be planted close, 2 feet apart each way. It always makes a fine, large and exceedingly beautiful snowy white head, much earlier than any other variety. Pkt., 25 cts., \frac{1}{2} oz., \\$1.75.

Dry-weather Cauliflower. This variety of Cauliflower is especially adapted for sections subjected to long dry seasons, as it will grow well and produce the finest heads in spite of the lack of moisture which is required by other sorts. The heads grow to a large size, are very solid, pure white and of delicious flavor. Pkt., 20 cts.; \(\frac{1}{4}\) oz., \$1.00.

DREER'S Selected Dwarf Erfurt. One of the earliest in cultivation; small-leaved dwarf, for forcing or open ground, producing very solid pure white heads of the finest quality. It grows about 15 inches high, and is a sure header. 20 cts.; ½ oz., \$1.00.

Early Snowball. An extremely early dwarf variety, producing magnificent white heads of fine quality. Well adapted to

hot-bed culture. Pkt., 20 cts.;  $\frac{1}{4}$  oz., \$1.00.

Early Dwarf Erfurt. An early market variety. Large white, compact heads. Pkt., 10 cts.;  $\frac{1}{4}$  oz., 75 cts.

#### LATE CAULIFLOWER.

Half Early Paris. A popular white sure-heading variety, good for early or late use. Pkt., 10 cts.; oz., 60 cts.

Lenormand's Short Stem. A large, late, short stemmed

variety. Pkt., 10 cts.; oz., 60 cts.
Algiers. An extra fine late variety, suitable for market and

sure to head. Pkt., 10 cts.; oz., 60 cts.

Veitch's Autumn Giant. One of the finest late varieties, of robust habit; heads large, compact and thoroughly protected by the leaves. Pkt., 10 cts.; oz., 60 cts.

Cauliflower and Cabbage Plants. (See page 264.)

#### CHICORY.

Culture. Sow seed in early spring as for carrots, in rows 12 to 16 inches apart, and thin the plants to 2 to 3 inches. blanch the leaves for salad in winter, dig the roots in the fall, cut the leaves off a little above the root crown, and place them horizontally in layers, alternating with layers of sand or loam, in a dark cellar, the tops all pointing outward of the sloping heap or heaps. Directions for raising Witloof Chicory, or French Endive, are given on page 6. One ounce to 100 feet of drill.
Common, or Wild. The leaves are used as salad. Pkt.,
5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.00.
Large Rooted. Used to mix with or as a substitute for coffee.

Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., \(\frac{40}{20}\) cts.; lb., \(\frac{\$1.25}{25}\).

Witloof Chicory, French Endive. (See page 6.) Pkt., 5 cts.; oz., 20 cts.; \(\frac{1}{4}\) lb. 60 cts.; ib., \(\frac{1}{2}\)1.75.

Mahre, GER.

# CARROT

Carotte, FR.

Zonahoria, Sp.

#### One ounce will sow 100 feet of drill; 3 to 4 pounds for an acre.

CULTURE. Carrots do best in warm, deep, rather light and fairly fertile soil that is well supplied with humus, or on strong loam having been in clover and broken the year before. For earliest crop sow seed of the early short-rooted sorts in April or May, in drills a foot apart and thin to 2 inches. For main crop, sow in May or June, or for succession even in July, using the longer-rooted varieties. The rows for these may be 16 to 20 inches apart, and the plants thinned to 2, 3 or even 4 inches. To raise Carrots for stock, the rows may be made wide enough apart, say 2 to  $2\frac{1}{2}$  feet, to allow of cultivation by horse power. In sowing Carrot or other small seeds, especially during the dry weather, pains should be taken to firm the soil well over the seed, either by means of the feet or with the roller of the garden drill. Varieties marked \* are good for stock feeding.

**Sutton's Red Intermediate.** (See Specialties, page 9.) Pkt., 10 cts.; oz., 25 cts.; \(\frac{1}{4}\) lb., 75 cts.; lb., \(\frac{5}{2}\).000.

Dreer's Perfect Forcing Carrot. (See cut.) A fine halflong variety, beautiful bright scarlet, transparent, crisp and almost without a core. Remarkably small top and can be planted very close in frame. It also does well grown in the open ground. Pkt., 10 cts.; oz., 30 cts.; ½ lb., \$1.00; lb., \$3.50.

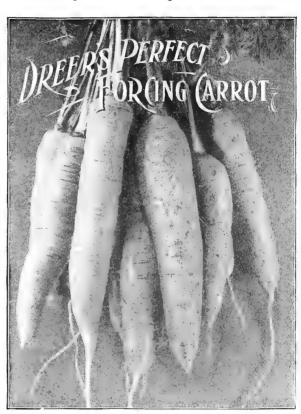
Earliest Short Horn (French Forcing). This variety is one of the earliest to mature. Roots are small, reddishorange, of globular shape and excellent flavor. Pkt., 5 cts.; oz., 20 cts.; \(\frac{1}{4}\) lb., 60 cts.; lb., \(\frac{\$1.75}{.}\)

Early Scarlet Horn. May be planted very early in spring, and is an excellent summer variety. Tops small and roots grow about 3 inches long; reddish-orange and good flavor. May be grown either in frames or in the open ground. Pkt., 5 cts.; oz., 20 cts.; ½ lb., 60 cts.; lb., \$1.75.

Early Half-Long Scarlet. A desirable early point-root sort, coming in between Scarlet Horn and Long Orange. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50.

St. Valery. An intermediate variety, growing to a size between the half-long and long varieties, about 10 inches long, broad at neck, tapering to a point; orange color and of good quality. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.





Danvers' Half-Long Orange. (See cut.) A rich orangered variety, smooth and handsome. Tops are of medium size and coarsely divided. The roots taper to a blunt point; flesh sweet, crisp and tender. Although the roots of this variety grow shorter, it produces more bulk to the acre than the larger varieties. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50.

Improved Rubicon. This beautiful half-long stump-root Carrot originated in Rhode Island. It is the result of careful breeding, and in shape and color most desirable. The Carrots grow about the same length as the well-known Danvers, but thicker, and are a rich dark orange in color. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50.

Chantenay Half-Long. A half-long variety, with smooth orange-red skin and crisp, tender flesh. The root is broad at top, tapering slightly to bottom, and is fit for use at an early season. It resembles the Nantes Carrot, but has a larger shoulder. Pkt., 5 cts.; oz., 20 cts.; ½ lb., 50 cts.; lb., \$1.50.

Guerande, or Oxheart. A good variety on soils too hard and stiff for the longer-growing sorts. Pkt., 5 cts.; oz., 20 cts.; \(\frac{1}{6}\) lb., 50 cts.; lb., \(\frac{\$1.50}{6}\).

\*Nichol's Improved Long Orange. This is a very fine selection of the Long Orange Carrot, and the best variety for stock feeding; should be grown on deep soil. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

\*Large White Belgian. Used for feeding cattle; grows large and is very productive. Pkt., 5 cts.; oz., 10 cts.; ½ lb.,

30 cts.; lb., \$1.00.

# HENRY A' DREER PHILADELPHIA PA PA RELIABLE VEGETABLE SEEDS !

Sellerie, GER.

## **CELERY**

Celeri, Fr.

Apio, SP.

One ounce will produce from 5,000 to 10,000 plants.

Culture.—For early or summer Celery sow seed of the self-blanching sorts in flats under glass during February, and prick out, singly or in sections of row, into other flats, frames, or in nursery row in the open, selecting soil in the highest state of cultivation. In May to June, set the plants in very rich and well-prepared land, 6 inches apart in the rows, and rows 3 to 4 feet apart. Give thorough and clean cultivation, and blanch by means of boards set up against the rows. For later and winter Celery, start seed of standard sorts, either in flats, as for early, only a little later, or directly into open ground. Make the rows for plants 1 foot apart;

sow seed shallow and firm well. The rows in which the plants are to be set are 4 to 5 feet apart. Blanch by earthing up gradually clear to within a few inches of tip of leaves. For winter storage, take up the plants with roots, and place upright on wet soil in a dark cellar or root-house, packing closely.

Winter King. (See colored plate and page 8.) Pkt., 10 cts.; oz., 50 cts.;  $\frac{1}{4}$  lb., \$1.50.

Originator's Golden Self-blanching. (See Specialties, page 6.) Pkt., 20 cts.; ½ oz., \$1.00; oz., \$1.75; ¼ lb., \$6.00.

Perfected White Plume. (See cut.) We offer a choice strain of this valuable and popular variety. It is unsurpassed for early fall and winter use. When reaching maturity the inner stalks turn white and require very little earthing up to blanch them. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., \$1.50.

Golden Self-blanching. (American-grown seed). An early sort, requiring but little labor to blanch. Heart rich golden-yellow, with light yellowish-green outer leaves. This Celery is in condition for early use in the fall. Pkt., 10 cts.; oz., 75 cts.; ¼ lb., \$2.50.

Golden Half-Dwarf. The best of the half-dwarf varieties; stalks large and full; the heart is golden-yellow, turning to a light color when blanched. Very solid, rich color and good keeper. Pkt., 5 cts. oz. 25 cts. 1 lb. 75 cts

cts.; oz., 25 cts.; ¼ lb., 75 cts.

Columbia. Stalks are thick, almost round, and resemble Giant Pascal in shape, but are of a rich, yellow color, similar to the well-known Golden Self-blanching. It matures early and its exceedingly fine flavor and crispness will please the most critical. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., \$1.50.

Perfection Heartwell. A most excellent variety. Stalks long and thick, very compact, crisp and of fine flavor. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts. Boston Market. Very mild flavor. Forms a

Boston Market. Very mild flavor. Forms a cluster of heads instead of a single large one, and should be blanched by earthing up. Pkt., 5 cts.; oz., 25 cts.; ½ lb., 75 cts.

Winter Queen. An excellent winter-keeping Celery. Grows a thick stalk and has large heart. The color is creamy-white and very attractive. Pkt., 10 cts. og 30 cts. 1 lb. \$1.00

cts.; oz., 30 cts.; ½ lb., \$1.00.

Fin de Siecle. Grows very large, stalks solid and crisp. This variety will keep well over winter. Pkt., 5 cts.; oz., 25 cts.; ½ lb., 75 cts.

Schumacher. The stalks are perfectly solid and

Schumacher. The stalks are perfectly solid and crisp. It has a firm and beautiful golden heart, and the flavor is first class. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

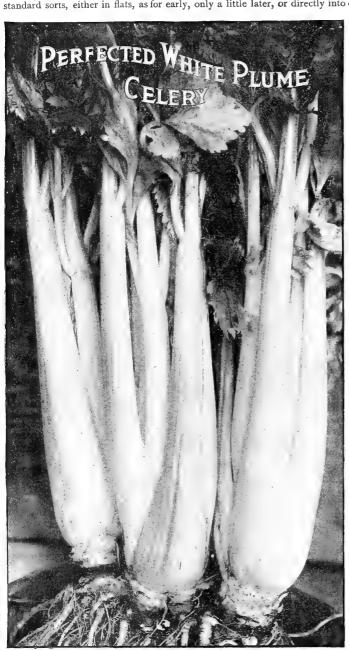
Giant Pascal. A superior keeping sort. The stalks are very large, thick, solid, crisp and of rich nutty flavor; it blanches very easily and quickly, and retains its freshness a long time. Pkt., 5 cts.; oz., 25 cts.: 1 lb., 75 cts.

25 cts.;  $\frac{1}{4}$  lb., 75 cts. **Dreer's Monarch.** This variety was introduced by us several years ago and is a decided acquisition in green Celery, producing large stalks and mag-

in green Celery, producing large stalks and magnificent bright golden-yellow heart. The stalks are very solid, brittle, and of most delicious flavor, and entirely free from stringiness. It is a remarkably good keeper and presents a handsome appearance when ready for the table. Pkt., 10 cts.; oz., 30 cts.; ½ lb., \$1.00.

New Rose. The red sorts surpass the white in flavor, and possess in their coloring a fine decorative feature. Pkt., 5 cts.; oz., 25 cts.; ½ lb., 75 cts.

Soup, or Flavoring Celery Seed. Oz., 5 cts.; lb., 30 cts.



#### CELERIAC (Turnip-rooted Celery).

Knoller Sellerie, Ger. Celerie Rave, Fr. Apio Nabo, Sp. Culture.—Grown mostly for its bulbous root. Seeds are started and plants set in same way as advised for Celery. Celeriac is not usually blanched, but very fine when thus treated,

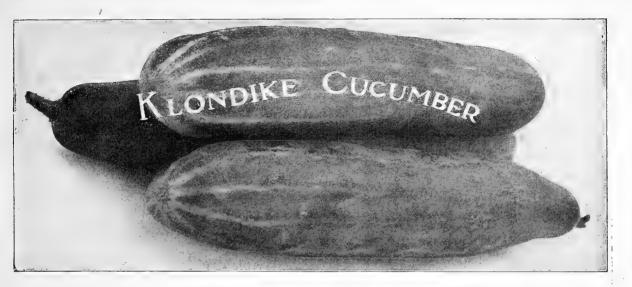
and much hardier than the stalk celeries.

Apple=shaped. Pkt., 5 cts.; oz., 25 cts.; ½ lb., 75 cts.

Giant Smooth Prague. A very large and smooth variety.

Pkt., 5 cts.; oz., 25 cts.; ½ lb., 75 cts.





Gurken, GER.

## **CUCUMBER**

Concombre, FR.

Pepino, Sp.

One ounce will plant fifty hills; two pounds will plant one acre.

CULTURE.—For very early Cucumbers, sow April 1st, in a hotbed upon pieces or sod (grass side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over, or protect by hand-glasses. For early use, plant, if the weather has become settled and warm, in hills 4 to 6 feet apart each way; thin out to 4 of the strongest plants to each hill, after all danger from insects is over. They succeed best in a warm, moist, rich, loamy soil. Continue planting at intervals for a succession. The Cucumbers should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness. For pickles, plant from June until the middle of July. The yellow-striped cucumber or squash beetle is the most serious insect enemy of the crop. Bordeaux Arsenate of Lead Mixture is by far the best remedy yet discovered. Dilute it with water, 3 ounces to the gallon, and spray it on the vines when in danger of the beetle or blight.

Early Fortune. (See Specialties, page 6.) Pkt., 10 cts.; oz., 20 cts.; ½ lb., 50 cts.; lb., \$1.50.

The Davis Perfect. For years this variety was controlled

by the originator, who states that he experimented several years in trying to get an improved strain of Cucumber for forcing under glass and outside culture. The Cucumbers grow long and slim, sometimes measure 12 inches in length; the color is a rich, dark, glossy green, which they hold until nearly ripe. It is very tender, brittle and of fine flavor. Pkt., 5 cts.; oz., 15 cts.; ½ lb., 40 cts.; lb., \$1.25.

Arlington White Spine Forcing. A strain of White Spine

which has been improved through careful selection with a view to use for forcing in hothouses and frames. It is also largely used in private gardens and produces large Cucumbers, sometimes measuring six to seven inches in length, and have an attractive bright-green skin. The small Cucumbers also make very nice pickles. Pkt., 5 cts.; oz., 15 cts.; 1 lb., 40 cts.; lb., \$1.25.

Improved Early White Spine (Bennett's). An excellent variety, which produces an early crop of Cucumbers. The fruits are straight, light green with white spines, and are crisp, tender and of good flavor. Pkt., 5 cts.; oz., 10 cts.; ½ lb.,

30 cts.; lb., \$1.00.

Early Russian. One of the earliest varieties. The fruit is small, only 3 to 4 inches long, and being produced in pairs makes it a very productive sort. The quality is very good. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 30 cts.; lb., \(\frac{1}{2}\)1.00.

Early Cluster. A very early sort, well adapted for forcing or open ground. Produces the fruits in clusters, good quality and flavor. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 30 cts.; lb., \(\frac{\pi}{8}\)L00. **Cool and Crisp.** A strain of White Spine somewhat like the

Arlington, but longer and more cylindrical. It is early, and continues in bearing the entire season. Good for table use. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 30 cts.; lb., \(\frac{\$1.00.}{}\)

Nichol's Medium Green. This Cucumber is largely grown for the pickle manufacturers. Fruits medium size and dark Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 30 cts.; lb., \$1.00.

Green Prolific. One of the best pickling varieties, for which purpose it is extensively used. It is productive and bears fruits of medium size, bright green skin and the flesh is very crisp. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 30 cts.; lb., \(\frac{\$1.00}{.}\)

Klondike. (See cut.) This valuable variety is one of the best for slicing. The color is rich dark green, and the fruits grow to a uniform size, measuring about seven inches in length and two inches thick when in good condition for use. Pkt.,

5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00. **Everbearing.** This is a valuable variety, producing Pickles and Cucumbers until frost kills the vines. It is very productive; fruits of all sizes will be found on the vine at same time; size is small and well adapted for pickling. Pkt., 5 cts.;

oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00. **Long Green** (*Jersey Pickle*). Fruits are long, firm and crisp. The small fruits are used for pickles and larger ones make excellent sweet pickles. The vines make a strong growth and are very productive. Our strain of this variety is excellent, and produces fruits of a uniform size and shape. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., \$1.00.

Emerald. Exceedingly productive, fruits set early and are very handsome; dark green, long and straight, entirely free from spines. Quality fine, being very solid and crisp. Pkt.,

5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 30 cts.; lb., \(\\$1.00\).

Chicago Pickle. Medium size, pointed both ends, spines very prominent and color deep green; a prolific bearer. The fruits begin to set while vines are small and continue to do so for a long season. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., \$1.00.

Japanese Climbing. Ornamental as well as useful and may be grown on a trellis; very prolific and of good quality. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 50 cts.

Small Gherkin. A small prickly variety. Used for pickles only and should be picked while young and tender. Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts.

#### ENGLISH FORCING **CUCUMBERS.**

Covent Garden Favorite, Rochford's Market, Lockies' Perfection. In packets of 10 seeds each, 25 cts.; per 100 seeds, \$2.25.

Duke of Edinburgh, Sion House Improved, Telegraph (Rollison's). In packets of 10 seeds each, 20 cts.; per 100 seeds, \$1.75.

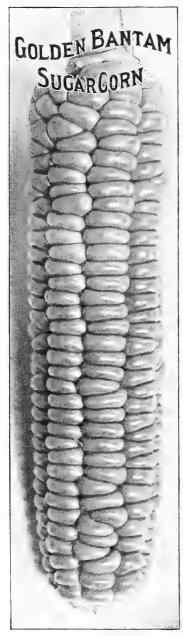
# CORN, Sweet or Sugar

Welschkorn, GER.

Maio Ep

Maiz Sp

1 qt. will plant 200 hills; 8 to 10 qts. to an acre, in hills.



CULTURE.—Seed of the Sweet varieties is liable to rot if planted in wet or cold ground. Yet if we have an early warm spell in spring, it may pay us to take some risks. Often the plants, when once up, will escape injury by a belated light frost. Plant in warm soil, making the rows 3 feet apart for the dwarfer early sorts, and 4 feet apart for the taller late sorts. Hills to be 2 to 3 feet apart in the rows. For succession plant every two weeks up to July 15th.

#### SWEET CORN BY PARCEL POST.

The prices given in this Catalogue for Sweet Corn of all kinds are for same to be sent by express or freight, at purchaser's expense. If pints or quarts are wanted sent by Parcel Post remit extra as follows:

To points East of the Mississippi River, 6 cts. pt.; 8 cts. qt. To points West of the Mississippi River, 10 cts. pt.; 18,cts. qt.

Packets of all varieties of Sweet Corn, 10 cts. each postpaid.

Dreer's Aristocrat. (See Specialties, page 9.)

Golden Cream. (See Specialties, page 7.)

Golden Bantam. (See cut.) Produces ears measuring about 5 inches, but the smallness of the ears is fully made up by the deliciously sweet flavor and tender quality of the Corn when cooked. It is a fine variety for the home garden. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Golden Dawn. This is an extra early yellow-grained variety, but when one gets the sweet, delicious taste, the color of grain is forgotten. Stalks about 5 feet high and bear 2 and 3 ears, free from smut and filled out to the extreme tip. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Peep o' Day. Very early and prolific, producing from 2 to 5 ears each, which measure about 5 inches in length and are well filled. By express or freight, at purchaser's expense, pt., 15 cts.; qt., 25 cts. (if by Parcel Post add as noted at top of page); 4 qts., 85 cts.; peck, \$1.50.

Kendel's Early Giant. Ears are about 7 inches in length, with pure white grains, very sweet and tender. By express or freight, at purchaser's expense, pt., 15 cts., qt., 25 cts. (if by Parcel Post add as noted at top of page); 4 qts., 85 cts.; peck, \$1.50.

Metropolitan. An extra early variety, ripens a few days later than Cory, but produces larger ears. By express or freight, at purchaser's expense, pt., 15 cts.; qt., 25 cts. (if by Parcel Post add as noted at top of page); 4 qts., 85 cts.; peck, \$1.50.

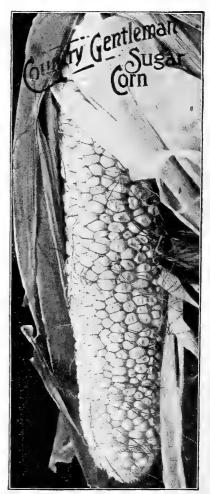
Early Evergreen. This variety resembles the Stowell's Evergreen, but is ready for use much earlier, and remains in good condition equally as long. The ears grow to a good size, usually about 7 inches long. By express or freight, at purchaser's expense, pt., 15 cts.; qt., 25 cts. (if by Parcel Post add as noted at top of page); 4 qts. 85 cts.; peck, \$1.50.

White Cob Cory. Early as the ordinary Cory, The stalks do not grow very tall, are very prolific, usually bearing two ears

each. By express or freight, at purchaser's expense, pt., 15 cts.; qt., 25 cts. (if by Parcel Post add as noted at top of page); 4 qts., 80 cts.; peck, \$1.25.

Crosby's Early. A favorite variety, very early, productive; rich, sugary flavor. Ears about 6 inches long and usually contain 14 rows. By express or freight, at purchaser's expense, pt., 15 cts.; qt., 25 cts. (if by Parcel Post add as noted at top of page); 4 qts., 80 cts.; peck, \$1.25.

Country Gentleman. (See cut.) For many years this variety has been a favorite for main crop. It ripens about the same time as Stowell's Evergreen and produces ears of medium size with deep grains in irregular rows on the cob and deliciously sweet, tender and milky. By express or freight, at purchaser's expense, pt., 20 cts.; qt. 30 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$1.75.



## CORN, Sweet or Sugar Continued.

#### SWEET CORN BY PARCEL POST.

The prices given in this catalogue for Sweet Corn of all kinds are for same to be sent by express or freight, at purchaser's expense. If pints or quarts are wanted sent by parcel post, remit extra as follows:

To points East of the Mississippi River, 6 cts. pt., 8 cts. qt.

To points West of the Mississippi River, 10 cts. pt., 18 cts. qt.

Packets of all varieties Sweet Corn, 10 cts. each, postpaid.

Stabler's Early. (See cut.) Of larger size than usual for the early kinds, and of most delicious flavor. The grains are broad and very tender. This is a fine variety for the home garden. By express or freight, at purchaser's expense, pt. 20 cts.; qt., 30 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.00; peck, \$1.75.

Stowell's Evergreen, Improved. Productive, very tender, sugary, and remains in good condition, suitable for cooking, for a long time. variety. By express or freight, at purchaser's expense, pt., 15 cts; qt., 25 cts. (if by Parcel Post, add as noted at top of page); 4 qts., 80 cts.; peck, \$1.25.

Zig=Zag Evergreen. A very sweet Corn, ripening 8 days ahead of Stowell's Evergreen, and in quality fully its equal. By express or freight, at purchaser's expense, pt., 15 cts.; qt., 25 cts. (if by Parcel Post, add as noted at top of page); 4 qts., 85 cts.; pk., \$1.50.

#### WELL-KNOWN VARIETIES.

Prices below for Sweet Corn are for same by express or freight, at purchaser's expense. If wanted by Parcel Post, add as noted at top of page.

F	PINT.	QUART.	4 OUARTS.	PECK.
Adams' Extra Early \$	0.15	\$0.25	\$0 80	\$1 25
Mammoth Early	$\widehat{}$ 15	25	80	1 25
Egyptian	15	25	80	$1 \ 25$
Potter's Excelsior, or Squantum	15	25	80	1 25
Mammoth Late	15	25	80	1 25
Black Mexican	20	30	1 00	1 75

#### POP-CORN. On the ear only,

		-
White Rice.	Lb., 25 cts., by mail	10 lbs., \$1.00, by ex-
White Pearl.	Lb., 25 cts., by mail	press or freight, at
Queen's Gold	en. Lb., 25 cts., by mail	purchaser's expense.

#### SWEET FODDER CORN. Write for price.

FIELD CORN. The leading varieties. See pages 46 and 47.

#### COLLARDS.

Blaetterkohl. GER.

Chow Coba, FR.

Cabu, Sp.

Culture.—Sow seeds the same as for late cabbage plants. The crop of greens may be grown directly in the seed rows, or the plants may be transplanted and set a foot apart in the rows. Best after being touched by frost. One ounce will produce about 3,000 plants.

Creole, or Southern. Cabbage greens, used as a substitute for cabbage. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 30 cts.; lb., \(\xi 1.00\).

#### CORN SALAD (Fetticus).

Stecksalat, GER.

Mache, Fr.

Mache o Valerianilla, Sp.

Culture .- Sow in spring in drills 1 foot apart; it will mature in six or eight weeks. For winter and early spring use, sow in drills in August and September. Three ounces to 100 feet of drill.

Large Seeded. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 25 cts.; lb., 75 cts.

#### CRESS.

Brunnenkresse, GER.

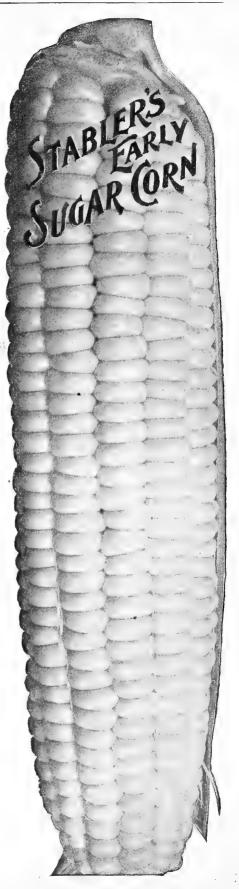
Cresson, FR. Berro o Mastuerzo, Sp.

Culture.—Easily grown during winter on the greenhouse bench, in frames, pots or boxes, and splendid for salads, garnishing, or as an addition to winter lettuce. Sow seed very thickly in rows 3 to 6 inches apart under glass, or for summer 1 foot apart in open ground. Sow often for succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it. Extra Curled, or Peppergrass. Has pungent taste, used for garnishing.

Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 25 cts.; lb., 75 cts. Upland Cress. Has the flavor of Water Cress. Pkt., 10 cts.; oz., 25 cts.; \frac{1}{4}

lb. 75 cts.

Water Cress. Pkt., 10 cts.; oz., 30 cts.; \(\frac{1}{4}\) lb., \(\frac{\$1.00}{.}\)



# HENRY A DREER PHILADELPHIA PA PA RELIABLE VEGETABLE SEEDS.

Eierpflanze, GER.

## EGG=PLANT

Aubergine, FR.

Berengena, Sp.

One ounce will produce 1,000 to 2,000 plants.



Endivie, GER.

## **ENDIVE**

Chicoree, FR.

Endibia o Escarola, Sp.

One ounce of seed to 300 feet of row

Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use or for late use in June or July. When 2 or 3 inches high, transplant into good ground or thin out to 1 foot apart. nearly full grown, and before they are fit for the table, they must be bleached. This is done by gathering the leaves to-

gether and tying with yarn or bass to exclude the light and air from the inner leaves, which must be done when quite dry, or they will rot. Another method is to cover the plants with boards or slats. In three or four weeks they will be blanched.

Dreer's Giant Fringed. (See cut.) A stronggrowing variety with a large white heart and broad stems; good for fall and winter. On account of the beautifully curled leaves this variety is fine for decorative purposes. Pkt., 10 cts.; oz., 25 cts.; 1 lb., 75 cts.

Green Curled Winter. Standard sort for fall and winter crop; when tied up this variety blanches splendidly. Pkt., 5 cts.; oz., 15 cts.; ½ lb., 40 cts.

White Curled (Self-blanching.) Leaves pale green, grows to a large size, always crisp and very tender, Pkt., 5 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 40 cts.

Broad-leaved Batavian (Escarolle). broad, light green, nearly plain, used in stews and soups; but if the leaves are tied up it will blanch up nicely and can be used as a salad. Pkt., 5 cts.; oz., 15 cts.; ½ lb., 40 cts.

French Endive. See Witloof Chicory, page 6.

FINOCCHIO, or FLORENCE FENNEL (See page 7).

GARLIC (See page 32).

HOP VINE ROOTS (See page 264). HORSERADISH (See page 264).

CULTURE .- Sow seeds in hotbeds early in March. When 3 inches high pot the young plants and plunge in the same bed, so that the plants may become stocky. They can be planted out when the season becomes warm, in May or June. Egg-plant seed requires a higher temperature for germination than any other garden vegetable, and this temperature should be maintained right along in order to maintain strong and healthy growth, The soil can hardly be made too rich. After settled warm weather has set in, set the plants in open ground, allowing 3 feet space between rows, and 2 feet space between the plants in the row. Watch for the potato beetle. This pest as well as blight may be controlled by spraying with Bordeaux Arsenate of Lead Mixture.

Early Black Beauty. (See Colored Plate and page 8.) Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ½ lb., \$1.25.

New York Improved Large Purple. (See cut.) This variety is largely grown and produces the Eggplants in great quantities, as the plants bear from six to eight fruits each. They are large, nearly round, dark purple, free of thorns and of excellent quality. Pkt., 10 cts.; oz., 40 cts.; \(\frac{1}{4}\) lb., \(\frac{1}{8}\)1.00. **Early Long Purple.** Earliest and hardiest, very

productive; fruit 6 to 10 inches long. Pkt., 5 cts.;

oz., 30 cts.; 1 lb., 85 cts.

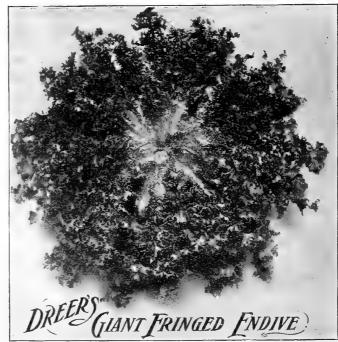
Black Pekin. Fruit purplish-black, round, large, solid, smooth and glossy; very prolific and early. Pkt., 5 cts.; oz., 35 cts.; ½ lb., \$1.10.

EGG-PLANT PLANTS. (See page 264.) Loewenzahn, Ger. DANDELION. Pissenlit, Fr. Amargon, Sp.

One ounce to 100 feet of row.

CULTURE.—Plants usually come up small and feebly. Sow seed in good clean loam, in drills 1 foot apart, and thin or transplant to 10 or 12 inches apart in the rows. May be blanched by covering with leaves or other loose litter, or by placing a large inverted flower pot over each plant.

Broad-leaved. Pkt., 10 cts.; oz., 40 cts.; ½ lb., \$1.25. Improved Thick-leaved. An improved variety. Pkt., 10 cts.; oz., 40 cts.; ½ lb., \$1.25.



# KALE, or BORECOLE

Gruner oder Blætterkohl, GER.

Chou Vert, FR.

Breton, Sp.

One ounce of seed will produce about 5,000 plants.

Culture. The Kales are more hardy than Cabbage, make excellent greens for winter and spring use, and are improved by frost. Sow from May to June, and cultivate the same as Cabbage. For early spring use sow in September, and protect during winter. Some of the varieties are so hardy that the green leaves may be dug out from under the snow in winter and used for greens.

Dreer's Imperial Long Standing Kale. (See cut.) Leaves are of spreading habit, very large, beautifully curled and crimped and of a bright green color. Very hardy and will furnish an abundance of greens during fall and winter. Pkt. 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

Dwarf Green Curled German. Very hardy, leaves yellow-

ish-green, compact and besutifully curled. Leaves are long, deeply cut, and quite ornamental. Pkt., 5 cts.; oz., 10 cts.; 4

lb., 30 cts.; lb., \$1.00.

Dwarf Curled Scotch.
tender and fine flavored.

Leaves bright green, curled, very tender and fine flavored.

It is largely grown in the Southern States, also very hardy in the north, and the quality and flavor are excellent. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 30 cts.; lb., \$1.00.

Sea Kale. When blanched, the leaf stalks are cooked and served like asparagus, or the leaves may be used as greens. Sea Kale may be blanched by placing a flower-pot over the crown of plant, first closing the hole at bottom in order to exclude the light. Pkt., 10 cts.; oz., 20 cts.; 1 lb., 60 cts.; lb., \$2.00.

### KOHL=RABI

(Turnip=rooted Cabbage.)

Kohl-Rabi, GER.

Chou Rave, FR.

Colde Nabo o Nabicol, Sp.

One ounce of seed will sow a drill of about 300 feet.

Culture. The edible part is the bulb, which grows on a stalk a few inches above ground. Sow seed in drills, allowing 16 or 18 inches' space between the drills, and thin to 4 or 6 inches apart in the row. First sowing may be made as soon as ground can be worked in spring and successive ones repeatedly later.

Earliest Erfurt Kohl-Rabi. A white, tender variety, with smooth root and very short top; the best variety for outdoor culture. A fine variety and of excellent flavor. Pkt., 10 cts.: oz., 30 cts.; ½ lb., \$1.00.

Early White or Green Vienna Kohl-Rabi. Flesh white and tender; a standard sort for market and table use. Good This variety has a very short top and forms the ball quickly, thus making it particularly desirable on account of earliness. Pkt., 5 cts.; oz., 25 cts.; 4 lb., 75 cts.

Early Purple Vienna Kohl-Rabi. A small, but early variety, used for forcing or early planting in the garden. Skin purple, but flesh white and of good flavor. Pkt., 5 cts.; oz.,  $25 \text{ cts.}; \frac{1}{4} \text{ lb.}, 75 \text{ cts.}$ 

Poireau, FR. **LEEK** Lauch, GER. Puerro, Sp.

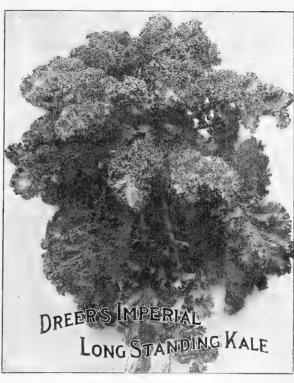
Culture.—Sow early in April in drills 1 foot apart and 1 inch deep. When plants are 6 to 8 inches high, transplant in a deep, rich soil, in rows 12 inches apart and 6 inches in the rows as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September; plants transplanted in

Dreer's Prizetaker Leek. An excellent large variety of Leek, which is very mild and tender. The Leeks grow very long and thick, and pure white in color. On account of its size and attractive appearance, this variety is an ideal one for growing to show at exhibitions in the fall. Pkt., 10 cts.; oz., 30 cts.; ½ lb., \$1.00.

Giant Carentan. Produces a large, thick stem and of mild flavor. An attractive variety for market and very hardy. Pkt., 5 cts.; oz., 15 cts.; ½ lb., 50 cts.

Musselburg. An improved variety of Leek which grows to a very large size, with broad leaves, spreading like a fan. Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 50 cts.

London, or American Flag. A popular sort, hardy and good quality. Grows quickly and ready at an early season. Pkt., 5 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 50 cts.



#### HERB SEEDS.

CULTURE. - Sow early in spring in shallow drills, 1 foot apart; when up a few inches thin out or transplant. should be cut on a dry day just before they come into full blos-som, tied in bunches and hung up or spread thinly on a floor to dry. Those marked with a \* are perennial.

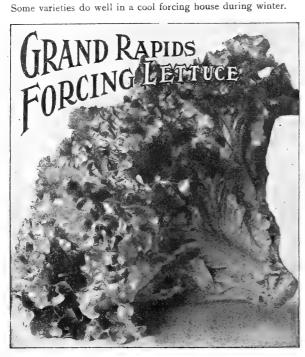
to dry. Those marked with a " are perent	man.		
	Ркт.	Oz.	1/4 LB.
Anise. For flavoring\$	0.05	\$0.10	\$0.30
*Balm. For tea or wine	.05	.20	.60
Basil, Sweet. Used in soups	.05	.15	.40
Bene. Used medicinally	.05	.10	.30
Borage. Excellent for bees	.05	.15	.40
Caraway. Used in bread, etc	.05	.10	.25
Castor Oil Bean. Ornamental	.05	.20	.60
*Catnip. Relished by cats	.10	.30	.85
Chamomile. Used medicinally	.10	.30	.85
Coriander. Very aromatic	.05	.10	.25
Cumin. For flavoring pastry	.05	.10	.30
Dill. For Dill Pickles	.05	.10	.25
*Fennel, Sweet. For sauces	.05	.10	.25
*Horehound. For coughs	.05	.20	.60
*Lavender. For perfume	.05	.15	.40
*Pennyroyal. Used for medicine	.10	.75	2.50
*Peppermint. For flavoring	.25		
*Rosemary. For seasoning	.05	.30	1.00
*Rue. Used for seasoning	.05	.30	1.00
Saffron. For flavoring and coloring	.05	.10	.30
*Sage. For seasoning fowls, etc	.05	.15	.40
*Savory, Summer. For flavoring	.05	. 25	.75
*Savory, Winter. For flavoring	.05	.30	.85
*Sweet Marjoram. For flavoring	.05	.15	.40
*Tansy. For medicinal purposes	.10	.30	.85
Tarragon. (Plants only, see page 264)			
*Thyme, Broad-leaved English	.10	35	1.00
Thyme, French Summer	.10	45	1.50
*Wormwood. Used medicinally	.05	25	.75

One ounce will produce about 3000 plants.

# LETTUCE

Lattich odor Gartensalat, GER. Laitue, Fr. Lechuga, Sp.

CULTURE .-- Sow the seed in hotbeds or flats during February or early March, prick the young seedlings out in flats or cold frame several inches apart each way, and, as soon as a nice, rich, warm spot can be prepared in open ground in spring, transplant the well-hardened plants in rows a foot apart, allowing 8 to 12 inches space between the plants in the row. For succession sow seed thinly in open ground, and thin the plants to 5 or more inches apart. Sow for succession every few weeks until the fall. Some varieties do well in a cool forcing house during winter.



Dreer's "All-Heart." (See Specialties, page 7.) Pkt., 10 cts.; oz., 30 cts.; 1 lb., 80 cts.

Wonderful. (See Specialties, page 7.) Pkt., 10 cts.; oz.,

20 cts.;  $\frac{1}{4}$  lb., 60 cts.

May King. This variety is hardy, and will stand much cold, damp weather. Can be planted out of doors or under glass, and in either case will produce fine heads much sooner than any other variety. The outer leaves are yellowish-green, tinged with brown, while inside is rich golden-yellow. Pkt., 5 cts.; oz., 20 cts.; 1 lb., 60 cts.

Grand Rapids Forcing. (See cut.) Matures quickly, large size, and handsome appearance; crisp and tender. Forms a loose cluster of leaves which are bright green and crimped at the edge. Pkt., 5 cts.; oz., 20 cts.; ½ lb., 60 cts.

Boston Market. Hardy and crisp; a good forcing variety. Heads are medium size and leaves dull green in color and excellent flavor. Pkt., 5 cts.; oz., 20 cts.; ½ lb., 50 cts. Big Boston. Resembles Boston Market, but nearly twice as

large; desirable for forcing and spring and fall outdoor planting. Pkt., 5 cts.; oz., 20 cts.; ½ lb., 60 cts.

French Unrivalled. A sure heading variety, suitable for growing at any season. Forms large, compact, buttery heads, and is slow to shoot to seed. The general character is similar to "Big Boston," except the color is lighter green and leaves are not tinged brown. Pkt., 10 cts.; oz., 25 cts.; \(\frac{1}{4}\) lb., 75 cts.

Early Dutch Butter, Spotted. Fine large heads of excellent quality. One of the best for 5 cts.; oz., 20 cts.; ½ lb., 50 cts. One of the best forcing and market sorts.

Golden Queen. Very early small yellow heads, forcing. Pkt., 10 cts.; oz., 25 cts.; ½ lb., 75 cts.

Hittinger's Belmont Forcing 10	oz. 25	1/4 LB 75
Early Curled Simpson 5	20	50
Black-seeded Simpson 5	20	50
Early White Cabbage 5	20	50
Improved Deacon 5	20	50
Black-seeded Tennisball 5	20	50

Dreer's Improved Hansom. This superior Lettuce, which we introduced over forty years ago, is still one of the best summer heat-resisting sorts. Heads grow to good size, are sweet, tender and crisp. For outdoor culture it is unequalled. Pkt., 5 cts.; oz., 20 cts.; \(\frac{1}{4}\) lb., 50 cts.

Mammoth Salamander. ammoth Salamander. A rich, buttery Cabbage-heading variety which grows double the size of Salamander. Color light green and quality good; an excellent intermediate variety. Pkt., 5 cts.; oz., 20 cts.; \(\frac{1}{4}\) lb., 50 cts.

Sensation. The variety is remarkable for its character of forming close, hard heads, even in an early stage of growth. Color yellowish-green; quality very fine, being crisp and tender. Pkt., 5 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 50 cts.

California Cream Butter. Produces a large white head; stands heat. Pkt., 5 cts.; oz., 20 cts.; \(\frac{1}{4}\) lb., \(\frac{5}{0}\) cts.

Mignonette. Heads small, compact; leaves slightly curled; edges tinted brown. Pkt., 5 cts.; oz., 20 cts.; ½ lb., 50 cts.

#### ROMAINE, COS, OR CELERY LETTUCE.

These are distinct from the ordinary Lettuce, and much liked on account of their crisp, tender quality and delicate flavor.

Kingsholm Cos. (See cut.) Forms long, upright heads of narrow leaves, which are crisp and refreshing, withstanding the summer heat. Pkt., 5 cts.; oz., 20 cts.; ½ lb., 50 cts.

Paris White Cos. Type of Kingsholm; light color; very ten-

der. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

Trianon Self-folding. A self-blanching Cos Lettuce, very crisp and tender, and of excellent flavor. If the leaves are tied up the plant soon forms a solid head and bleaches to a pure white. Pkt., 10 cts.; oz., 20 cts.; \(\frac{1}{4}\) lb., 60 cts.



Melone. GER.

## MUSKMELONS

Melon Muscade, FR. Melon Almizcleon, Sp.

One ounce will plant about 50 hills, 2 to 3 lbs. in hills per acre.

CULTURE.—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, hins 5 to 6 feet apart each way for Muskmelons, 8 to 10 feet for Watermelons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of bugs is over, thin out to three or four plants A few hills for early use may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open Melon vines are subject to the same destructive insect and fungous foes as are cucumber and squash vines. Early and repeated spraying with Bordeaux Arsenate of Lead Mixture is always advisable for these crops.

Delicious Gold Lined. (See Specialties, page 7.) Pkt., 10 cts.; oz., 20 cts.; ½ lb., 50 cts.; lb., \$1.50.

Bush Muskmelon. (See Specialties, page 7.) Pkt., 10 cts.; oz., 40 cts.; ½ lb., \$1.25; lb., \$4.00.

Hoodoo. (See Specialties, page 9.) Pkt., 10

cts.; oz., 15 cts.; ½ lb., 40 cts.; lb., \$1.25. Rocky Ford Improved. This Melon is of the Netted Gem type, oval in shape and beautifully netted. It has been im-proved at Rocky Ford, Colorado, a section noted for fine Muskmelons. The Melons average about five inches in length, and have a delicious flavor; flesh is smooth-grained and light green colored. A very popular variety, and the melons are found on the tables of all leading hotels and restaurants during their season. Pkt., 5 cts.; oz., 10 cts.; ½ lb.,

30 cts.; lb., \$1.00.

Netted Rock. About the same size as "Rocky Ford," but more heavily netted. The seed cavity is small, and flesh, which is green, thick and sweet, containing a high percentage of sugar. An important feature of this melon is its ability to withstand rust and blight, as it is nearly proof against either. Pkt., 5 cts.; oz., 15 cts.; 1 lb., 40 cts.; lb., \$1.25.

Netted Gem. One of the earliest small Melons. Light green, tinged with yellow, and of very fine flavor. Pkt., 5 cts.; oz., 10 cts.; 1 lb., 30 cts.; lb., \$1.00.

Jenny Lind. The earlist variety; netted, of small, round size and excellent flavor. Pkt., 5 cts.; oz., 10 cts.; 1/4 lb., 30 cts.; lb., \$1.00.

Extra Early Hackensack. A careful selection from the Hackensack, ready for market ten days earlier, and fruit much like the parent in shape and color of the flesh, which is light green, very thick, sweet and juicy Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., \$1.00.

Montreal Market. Largest of the nutmeg varieties; flesh green. Pkt., 5 cts.; oz., 15 cts.; 4 lb., 40 cts.; lb., \$1.25.

Cassabah. A large, oblong Melon; green flesh, prolific and of delicious quality. Pkt., 10 cts.; oz., 25 cts.; ½ lb., 75 cts; Ib., \$2.25.

Burrell's Gem. (See cut.) Skin is rather dark green and rind thin, leaving a thick lining of salmon flesh, which is of most delicious, juicy flavor, and fairly melts in the mouth. Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts.; lb., \(\frac{\$1.25}{.}\)

Fordhook. An extra early salmon-fleshed variety which is very attractive in appearance and of delicious flavor. Medium size, heavily netted and thick, jucy flesh. Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts.; lb., \(\frac{\$1.25}{.}\)

Tip Top. Medium-sized, nearly round, with shallow netting on skin. Flesh is deep yellow and has a rich flavor. Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts.; lb., \(\\$1.25\).

Emerald Gem. A small, very early Melon; flesh salmoncolored and flavor is exceptionally fine. Pkt., 5 cts.; oz., 15 cts.; ½ lb., 40 cts.; lb., \$1.25.

Miller's Cream, or Osage. The fruits are large and round, with light green netted skin and thick, sweet, salmon-colored flesh. Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts.; lb., \(\frac{\$1.25}{.}\)



Defender. Medium size, salmon flesh and delicious flavor; oval shape, slightly ribbed and covered with a slight netting. Pkt., 5 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 40 cts.; lb., \$1.25. **Mango**, or Vegetable Orange. Grows to the size and

shape of an orange and is used for preserving. Pkt., 5 cts.; oz., 20 cts.; \(\frac{1}{4}\) lb., 50 cts.; lb., \(\\$1.50\).

#### IMPORTED MUSKMELONS FOR FORCING.

Blenheim Orange. A favorite variety; scarlet flesh, good flavor and very prolific. Pkt., 25 cts.

Windsor Castle. Green flesh, oval shape, finely netted, delicious flavor. Pkt., 25 cts.

MARTYNIA. Gemschorn, GER.

Culture.—The seedpods are used for pickling, when gathered young and tender. Sown in the open ground in May, in hills 3 feet apart each way, or in a hotbed, and afterwards transplant. If once planted in the garden voluntary plants are likely to spring up the following year from scattered seeds.

Martynia Proboscidea. Pkt., 10 cts.; oz., 30 cts.; ½ lb., 85 cts.; lb., \$3.00.

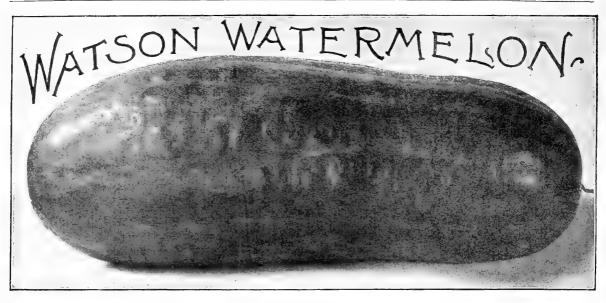
Moutarde, Fr. Senf, GER. MUSTARD. Mostazo, Sp.

One ounce will sow 100 feet of drill.

Culture. A small, pungent salad used like cress; the seed is also used for flavoring pickels, pepper sauce, etc. For salads sow thickly in shallow drills, 6 inches apart, or in frames or boxes during the winter, where frost can be partially excluded. Successive sowings can be made every week or two. To grow seed, sow in April, in rows 1 foot apart, and thin out to 3 inches apart when 2 inches high.

White London. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 20 cts.; lb., 40 cts.

Chinese. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 25 cts.; lb., 75 cts.



· Wasser Melone, GER.

# WATERMELONS Melon d'eau, Fr. Zandia, Sp

One ounce for thirty hills; four to five pounds for an acre.

CULTURE. See directions given under Muskmelons. Watermelons, however, are slightly less subject to "bug" depredation and disease attacks than Muskmelons. At the same time they are more easily hurt by strong spray mixtures, and caution in the use of such mixtures is advisable.

Yellow Ice Cream. (See Specialties, page 8.) Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50. Harris' Earliest. This excellent Watermelon grows rather

Harris' Earliest. This excellent Watermelon grows rather large for an early variety, slightly oval in shape, skin mottled light and dark green. It is uniform in size and shape; the flesh is solid, bright red, very tender and sweet. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., \$1.00.

oz., 10 cts.; ½ lb., 30 cts.; lb., \$1.00.

Cole's Early. An early variety. Large heart, flesh of fine texture and good flavor. Rind thin. Pkt., 5 cts.; oz., 10 cts.; lb., 25 cts.; lb.,

cts.; \(\frac{1}{4}\) lb., 25 cts.; lb., 85 cts. **Alabama Sweet.** A large and attractive Melon, oblong in shape, early in maluring, and very sweet. Pkt., 5 cts.; oz., 10 cts.; lb. 85 cts.

10 cts.; ½ lb., 25 cts.; lb., 85 cts.

lce Cream. Skin mottled gray, flesh pink. Very solid and sweet. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 25 cts.; lb., 85 cts.

Dark Icing. Very solid, rind thin, and highly prized as a shipper. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 25 cts.; lb., 85 cts.

Kolb Gem. Of a delicious, sugary flavor, bright red flesh. It is firm and solid and an excellent keeper. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{3}\) lb., 25 cts.; lb., 85 cts.

Florida Favorite. Of medium size, striped alternately light and dark green, flesh deep red, crisp and sweet. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{3}\) lb., 25 cts.; lb., 85 cts.

Watson. (See cut.) A large oblong Melon. The rind is thin but tough, and the flesh a bright, attractive red color. of a delicious, sweet and satisfying flavor. Pkt., 10 cts.; oz., 15 cts.; ½ lb., 40 cts.; lb., \$1.25.

Dixie. A cross between the Kolb Gem and old-fashioned Mountain Sweet. Flesh bright red and good quality. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

Monte Cristo, or Kleckley Sweets. Oval shape, skin dark and somewhat mottled. Flesh bright scarlet and very sweet. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

Sugar Stick. Oblong shape and fair size. Skin mottled green and white, flesh bright red, heart large and sweet. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., \$1.00.

Sweet=Heart. Flesh bright red, melting and sweet. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 25 cts.; lb., 85 cts.

Cuban Queen. One of the largest varieties, flesh bright red. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

Mammoth Ironclad. Grows to a large size, solid and of most delicious flavor. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 25 cts.; lb., 85 cts.

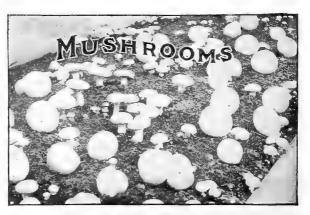
Colorado Preserving Citron. Excellent for making preserves. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., \$1.00.

## DREER'S RELIABLE MUSHROOM SPAWN

English Milltrack Spawn. A splendid make of English Spawn which gives excellent results, producing large crops. It is made with great care, and is full of live "mycelium." Made in bricks, of about 1½ lbs., and each brick is sufficient for 8 square feet of bed. Per brick, 15 cts. (by mail, 25 cts.); by express, at purchaser's expense, 12 bricks, \$1.75; 25 lbs., \$2.75; 50 lbs., \$5.25; 100 lbs., \$10.00.

Pure Culture Spawn. An American make of spawn, which produces Mushrooms of excellent quality and large size, this being due to the fact that the spawn is obtained by a process of inoculation, only large and vigorous specimens of Mushrooms being used for the purpose. Direct Bricks, inoculated direct from pure cultures. Per brick, 30 cts. (by mail, 40 cts.); by express, at purchaser's expense, 5 bricks, \$1.25; 10 bricks, \$2.25; 25 bricks, \$5.50; 50 bricks, \$10.00.

Dreer's Mushroom Circular free on application. Tells how to prepare the Mushroom bed and take care of crop. If interested in growing Mushrooms write for a copy.



## DRÉER'S CHOICE ONION SEED

Cebolla, Sp.

One ounce of Onion seed for 200 feet of drill, 4 to 5 pounds for one acre.

CULTURE.-For early green or bunching Onions, sow seed of Silver Skin or other Hardy White varieties in early August in well prepared and well drained, rich, loamy soil, giving one foot space between the rows, and using 20 pounds of seed per acre. In many localities they winter well without mulch or other protection. For dry (fall) bulbs, select a clean, rich, well-drained and well-manured piece of land, prepare a perfect seed bed, and sow seed in early spring in drills 15 inches or so apart, using 4 to 5

pounds of fresh seed per acre. Use wheel-hoe and weeders freely, and thin plants to stand at least 2 inches apart in the rows. Pull when tops begin to die down, cure and sell, or store in a cool, dry place. For sets, select clean, sandy soil of medium fertility, prepare it well in early spring, and at once sow seeds in drills a foot apart, using 40 to 60 pounds of seed per acre. Gather the sets when ripe, cure and store in a dry, airy place. They may be wintered in a slightly frozen condition, but must be protected from repeated freezing and thawing. In early spring following plant them in shallow drills, 12 inches apart, and about 2 inches apart in the drill. By sowing seed of the Spanish type, such as the Prizetaker and Southport Globes, under glass in January, February or even March, and transplanting in April to open ground 3 to 4 inches apart in the rows, bulbs of immense size may be produced.

Yellow Globe Danvers. (See cut.) Onion growers throughout the country prefer this type of Onion to all others, and it is with this in view that the bulbs from which our seed is grown are specially and carefully selected as to shape. It is the best paying Onion that is grown for general crop, and has been the leading variety for years. Pkt., 5 cts.; oz., 25 cts.; ½ lb., 75 cts.; lb., \$2.50.

Philadelphia Yellow Dutch, or Strasburg.

Ripens early and makes good-size Onions. A good keeper and well flavored; bright strawcolored skin and somewhat flattened shape. Largely grown for sets on account of its excellent keeping qualities. 5 cts.; oz., 25 cts.; ½ lb., 75 cts.; lb., \$2.50.



Prizetaker. (See cut.) The large size and handsome appearance of this Onion makes it equally desirable for the home garden or for market. It is strictly "fancy," and is

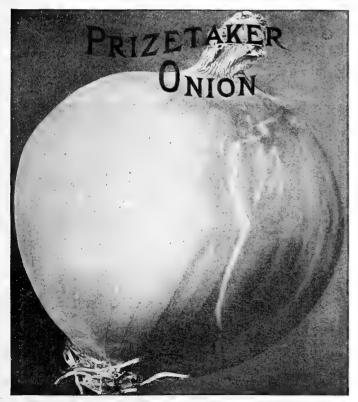
found on fruit stands during the fall, where it is sold as Spanish Onion. The true Prizetaker Onion is globe-shape, has pale yellow skin and white flesh, which is very mild and of delicate flavor. No sets are required, as the large Onions are grown the first year from seed sown during the spring. This is a good variety of Onion for sowing under glass in February for transplanting. Pkt., 10 cts.; oz., 25 cts.; ½ lb., 75 cts.; lb., \$2.50.

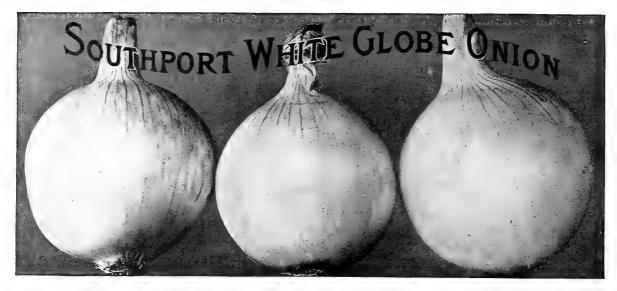
Southport Yellow Globe. A very large, hand-some, globular-shaped yellow variety, very produc-tive, of mild flavor. The outer skin is pale yellow; the bulbs are of a beautiful globe shape and good keepers. It is very hardy and an excellent Onion for main crop. Pkt., 5 cts.; oz., 25 cts.; ½ lb., 80 cts.; lb., \$2.75.

Alisa Craig. A very large Onion, which is popular with English gardeners. It resembles the American variety, "Prizetaker, but will grow much larger and more globular in form. The skin is an attractive straw-color, flesh is mild, and the Onions keep remarkably well for such large size. It will prove valuable to those who grow Onions for exhibition purposes, as it is the most attractive and showy Onion that can begrown. For producing the largest and best Onions, it is best to sow seed in the hotbed early in spring and transplant when of sufficient size. Pkt., 10 cts.; oz., 50 cts.; \(\frac{1}{4}\) lb., \(\frac{\$1.50}{};\) lb., \(\frac{\$5.00}{}.\)

Extra Early Red. Earlier than the Wethersfield and somewhat smaller, close-grained and a good keeper. The Onions are flat in shape, grow very uniform and are somewhat strong in flavor. Pkt., 5 cts., oz., 25 cts.; \(\frac{1}{4}\) lb., 80 cts.; lb., \(\psi 2.75\).

Southport Red Globe. Beautiful globe shape, of medium size, a good keeper and of superior quality. Pkt., 5 cts.; oz., 25 cts.; \(\frac{1}{4}\) lb., 75 cts.; lb., \(\frac{5}{2}\).50.





Large Red Wethersfield. Grows to full size the first season from seed. The Onions are large, flat in shape, with skin of a purplish-red color and flesh of a purplish-white color, rather strong-flavored and an excellent keeper. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

Southport White Globe. (See cut.) A very desirable

variety which yields an abundant crop of fine large Onions. Pure white color, mild flavor, and equally good for keeping as the Yellow Globe. It is an enormous yielder, and always sells at high prices. It is best to dry these Onions in a shady place and give plenty of air. Pkt., 10 cts.; oz., 35 cts.; alb., \$1.00; lb., \$3.50.

White Portugal, or Silver Skin. (See cut.) leading white sorts, beautiful shape and mild flavor. The bulbs are flat in shape and mature early. It is largely used for growing sets on account of its fine shape when small, and also for its good keeping qualities. It is also extensively used as a pickling onion, for which purpose it is well adapted. Pkt., 10 cts.; oz., 30 cts.; ½ lb., 85 cts.; lb., \$3.00.

White Queen, or Barletta. A rapid-growing variety of mild flavor; pure white, and as it does not grow to a large size, it is a fine onion for pickling. Pkt., 5 cts.; oz., 25 cts.; 1 lb., 75 cts.; lb., \$2.50.

Mammoth Silver King. Produces large Onions first year from seed. Specimens have been grown to weigh 4 lbs. Skin pure white and flesh tender. Pkt., 5 cts.; oz., 25

cts.; ½ lb., 75 cts.; lb., \$2.50.

White Welsh Onion. Used for early spring green bunching Onions or scallions, and ready for pulling about time ordinary sets are planted. Does not make much bottom, as it is distinctively a bunch Onion. Very mild and delicate flavored. Pkt., 10 cts.; oz.,

#### CHOICE ONION SETS.

25 cts.; ½ lb., 75 cts.; lb., \$2.50.

Prices subject to market changes.

If by Parcel Post add as follows: To points East of the Mississippi River, 8 cts. quart; West of the Mississippi River, 15 cts. quart.

Onion Sets should be planted in rows 12 inches apart, with sets 2 inches apart in the row.

1	By expre	ess at
	PER OT.	4 OTS
Yellow Onion Sets	\$0.20	\$0.70
White Onion Sets	25	90
Red Onion Sets	25	90
White Potato (Multiplier)	30	1 00
Yellow Potato Onions		1 00.
Shallots	30	1 00
Garlic	60	2 25
Chives. (See Vegetable Plants, pa	ge 264.)	
W/h 1	0 .	

When larger quantities of Onion Sets are desired write for prices.

### Okra, or Gumbo

Essbarer Eibisch, Ger. Gombaud, Fr. Quimbombo, Sp.

Culture. This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. Sow the seed thickly in rich ground, about the middle of May, or when the ground has become warm, in drills 3 feet apart, 1 inch deep; thin to 10 inches apart in drills. Culture otherwise much like corn.

Perkins' Long-pod Okra. An exceedingly handsome variety of Okra, which is a great improvement upon other varieties heretofore grown. The pods grow 4 to 5 inches in length and are very tender, long, slim and of a beautiful deep green color. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 20 cts.; lb., 65 cts.

Dreer's Little Gem. Makes a stocky growth of plant and is very productive. The pods are long, slender and of a light green color. Pkt., 5 cts.; oz., 10 cts.; \frac{1}{2} lb., 25 cts.; lb., 75 cts.

Improved Long Green. An old-time favorite; very productive and bears long pods, which are of good quality. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 20 cts.; lb., 65 cts.

White Creole. White Creole. (White Velvet). Pods free from ridges and very tender. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 25 cts.;



Pastinake, GER. PARSNIP Panais, FR.

Chirivia, Sp.

One ounce for 200 feet of drill, 5 to 6 lbs. for an acre.

Culture. Sow as early in the spring as the weather will admit in drills 18 inches apart and  $\frac{1}{2}$  inch deep, in a rich, deep soil; thin out 3 to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars in the fall for immediate needs.

Large Sugar, or Hollow Crown. (See cut.) The best variety; roots long, very smooth, white, tender and sug-The best Pkt., 5 cts.; oz., 10 cts.; 1 lb., 25 cts.; lb., 75 cts. Student, or Guernsey. A good half long variety. Pkt., 5 cts.; oz., 10 cts.; \( \frac{1}{4} \) lb., 25 cts.; lb., 75 cts.

Persil, FR. Parsley Petersilie, GER. Perejil, Sp.

One ounce of seed for 150 feet of drill.

Culture. Used for garnishing and seasoning soups, meats, Succeeds best in a mellow, rich soil. Sow thickly early in April in rows 1 foot apart and 1/2 inch deep; thin out the plants to stand 6 inches apart in the rows. The seed is slow of germination, taking from three to four weeks to make its appearance, and often failing to come up in dry weather. To assist its coming up quicker, soak the seeds a few hours in warm water, or sprout in damp earth, and sow when it swells or bursts.

Dreer's Dwarf Perfection. (See specialties, page 9.) Pkt., 10 cts.; oz., 35 cts.; \(\frac{1}{4}\) lb., \(\frac{\$1.00}{0}\); lb., \(\frac{\$3.50}{0}\).

Dreer's Summer Green. Especially adapted for summer. It is a strong and vigorous grower, and produces large, finely curled leaves of beautiful dark green color, Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts.; lb., \(\frac{\$1.25}{.}\)

Dwarf Extra Curled Perpetual. Leaves tender, crimped and very curly, of a bright green color. Pkt., 5 cts.; oz.,

15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

Champion Moss Curled. A distinct variety, beautifully curled. Pkt., 5 cts.; oz., 15 cts.; ½ lb., 40 cts.; lb., \$1.25.

Half Curled. Medium curled, used for garnishing and seasoning. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

Plain. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

Fern Leaved. Leaves dark green and fern-like in shape.

Stands winter if covered before frost. Pkt., 5 cts.; oz., 15 cts.; ½ lb., 40 cts.; lb., \$1.25.

Turnip-rooted, or Hamburg Parsley. The fleshy root

resembles a parsnip, and is used for flavoring soups, stews, etc. Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 50 cts.; lb., \(\frac{1}{5}\)1.75.





PEPPER Pfeffer, GER.

Pimiento, Sp. Piment, Fr.

One ounce of seed for 1000 or 1500 plants

Culture. Sow seed in flats under glass in March; prick out in other flats when 2 or 3 inches high, 2 inches apart each way, and when the weather has become thoroughly settled in spring and danger from belated freezes is over, transplant to open ground in warm, very rich and well-prepared soil, making the rows 2 to 3 feet apart, with plants 15 to 18 inches apart in the rows. The large, sweet sorts have become very popular and are always in large demand.

Pimiento. (See Specialties, page 9.) Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; \( \frac{1}{4} \) lb., \( \\$1.50. \)

Chinese Giant. (See cut.) This variety is undoubtedly the largest Sweet Pepper ever offered. The fruits are bright scarlet, flesh is thick, very mild and remarkably sweet. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., \$1.50.

Ruby Giant. A variety of Mango Pepper, which is of a desirable size and shape for stuffing. A cross of Ruby King and Chinese Giant, grows to large size and is very mild. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 25 cts.; oz., 40 cts.;  $\frac{1}{4}$  lb., \$1.25.

Giant Crimson. Upright growth, very vigorous and produces fruits nearly as large as "Chinese Giant." Mild and sweet flavor. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 30 cts.; oz., 50 cts.;  $\frac{1}{4}$  lb., \$1.50.

Ruby King. Good variety for mangoes or pickling; very productive and sweet. Pkt., 5 cts.; oz., 35 cts.; 4 lb., \$1.00.

Large Bell, or Bull Nose. Large early variety, mild flavor,

thick and nesny. Tkt., o cts.; oz., oo cts	., 4	10., 00 0	
	PKT.	OZ	1/4 LB.
Long Sweet Spanish	05	<b>\$</b> 0 30	\$0.85
Long Red Cayenne	-05	30	85
Hot Bell	10	40	1 25
Neapolitan	10	35	1 00
Small Chili	05	30	85
Golden Dawn	05	30	85
Red Cherry	05	30	85
Celestial	05	30	85
Red Japan Cluster	05	30	85
Tabasco	10	45	
Creole, or Bird's Eye	10	45	
PEPPER PLANTS. (See page 264)			

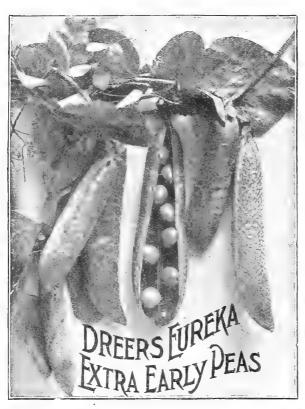
Erbsen, GER.

### GARDEN PEAS

Pois, Fr. Chicaros o Ginsantes, Sp.

One quart will plant about 100 feet of drill. One and one-half to two bushels for an acre,

CULTURE.—Peas of extra early, smooth class are the very first thing to be planted in the garden in spring. The wrinkled sorts follow a little later, as they are not quite so hardy. Tall late varieties need brush or other support. By selecting sorts that do not grow much over two feet high, the necessity of providing brush may be avoided. Judicious selection of varieties and planting frequently for succession will give us a full supply of the



The Leader. (See Specialties, page 8.)

Dreer's Eureka Extra Early. (See cut.) We have been improving this extra early Pea for years, and now have a very choice strain. The vines make a vigorous growth and pods mature evenly and at a very early season; height, 20 inches. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Deeer's Electric Extra Early. This is a variety of the Alaska type, but a great improvement, being much earlier, bearing large pods. The vines grow 2 feet high, and are loaded down with pods. It is the best variety of this type. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Alaska. An extra early round Pea, pods of a dark green, height, 2 feet. By express or freight, at purchaser s expense, pt., 20 cts.; qt., 30 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.00; peck, \$1.75.

Market Surprise. (See cut.) This new early Pea was first sent to us by a leading seed grower in England, and in a careful test, made at our trial grounds, we found it to be a valuable addition to the extra early varieties. The plant grows to a height of 30 inches, pods are large and well filled with Peas, which are remarkably sweet and fine flavored. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page);

4 qts., \$1.25; peck, \$2.25.

Premium (iem, or Little Gem. A fine flavored dwarf wrinkled variety. Vines grow 18 inches high and pods are borne on both sides of stalks, beginning near the ground and producing large crops. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

of the American Wonder type will succeed only on the very richest garden land, and may be planted in rows a foot apart.

PEAS BY PARCEL POST.

choicest green Peas almost during the entire season, with the possible exception of the hottest part of the summer. Open furrows three or four inches deep and three feet apart; scatter the seed Peas into them and cover with hoe or plow. Cultivate like corn or beans. The late tall sorts may be planted in double rows and brush stuck in between for support. All Garden Peas, however, require good, strong and fertile land. Heavy yields cannot be obtained on poor soil. The very dwarfest sorts

The prices given in this catalogue for Peas of all kinds are for same to be sent by express, or freight at purchaser's expense. If pints or quarts are wanted sent by Parcel Post remit extra as follows:—

To points East of Mississippi River, 8 cts. pt.; 12 cts. qt. To points West of Mississippi River, 15 cts. pt.; 25 cts. qt.

Packets of all varieties of Peas, 10 cts. each.

Surprise Pea. This Pea is one of the earliest of the wrinkled sorts. Vines grow about 2 feet high, and are enormously productive. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.



### GARDEN PEAS-Continued.

#### PEAS BY PARCEL POST.

The prices given in this catalogue for Peas of all kinds are for same to be sent by express or freight at purchaser's expense. If pints or quarts are wanted sent by Parcel Post remit extra as follows: To points East of Mississippi River, 8 cts. pt.; 12 cts. qt; to points West of Mississippi River, 15 cts. pt.; 25 cts. qt.

#### Packets of all varieties of Peas, 10 cts. each.

Gradus, or Prosperity. (See cut.) This splendid variety combines the finest quality with extreme earliness, and is also very productive. It is hardy and can be planted fully as early as the smooth Peas. Grows vigorous and healthy, vines about 3 feet in height, bearing pods fully as large as Telephone, and which are well filled with beautiful light, green Peas, which color they retain after being cooked. The quality and flavor are delicious, and a valuable feature with the "Gradus" is that the Peas remain tender and sweet for a long time after having been picked from the vines. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Thomas Laxton. An early variety of large-podded Pea. The plant is a very hardy and strong grower, producing extra large size pods in abundance, and the quality is delicious. This variety will mature assearly as many of the smooth extra early Peas; height 3 feet. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Early Morn. An English variety of the Gradus type, maturing only a few days later. It is hardy and the vines grow 3 feet in height, strong and healthy, bearing the large handsome pods in great abundance. The Peas are large, closely packed in the pods and are of a very sweet flavor. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

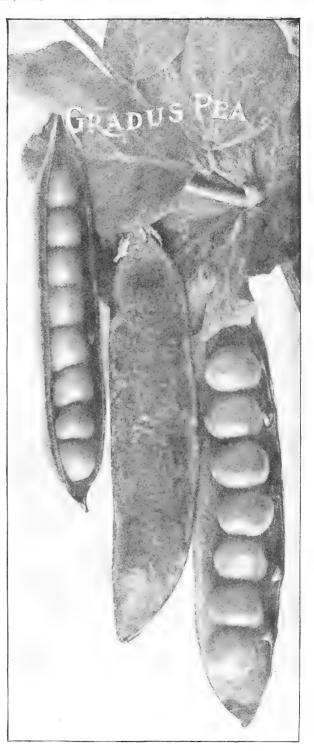
Laxtonian. This variety of extra early Pea may be classed as a Dwarf Gradus, which variety it resembles, except that it only grows about 18 inches high. The vines make a vigorous growth, which enables them to withstand weather conditions unsuited to some of the large-podded varieties, and the pods are well filled with large Peas, which have an exquisite flavor. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Buttercup. Vines make a rapid growth to about 2 feet in height, and are of a medium green color, very healthy, and produce an astonishingly large crop of pods, ready for use in about sixty-five days from time of planting. The pods are long, rounded or curved at the end, and well filled with large peas, which are very sweet and tender. This variety is a great cropper, a very important feature, which, combined with excellent flavor, will surely make "Buttercup" a very popular variety. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Little Marvel. For the early crop, this variety is better than American Wonder or Nott's Excelsior, as it matures earlier and the pods contain more peas. It is dwarf, about 15 inches high, plants are very productive, bearing many twin pods, which are dark green. By express or freight, at purchaser's expense, pt. 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

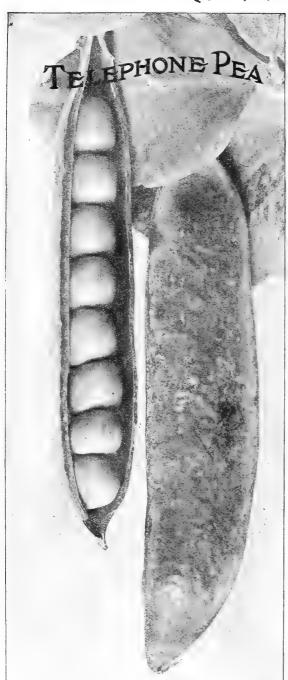
American Wonder. A very fine, extra early wrinkled variety, well suited for the private garden. It is productive and very sweet; height 1 foot. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Nott's Excelsior. An improvement on American Wonder, being fully as early and the pods are decidedly larger; height 14 inches. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.



Sutton's Excelsior. This handsome wrinkled Pea is so hardy that it may safely be planted as early as the hard-seeded"Extra Earlies." The plants are dwarf, about 14 inches high, very stout, exceedingly productive, and the quality is all that could be desired. The pods are quite large for so dwarf a variety and always well filled. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

## GARDEN PEAS—(Continued).



Prices for the varieties of Peas offered in the following list are by express or freight, at purchaser's expense. If wanted by Parcel Post add as noted at top of page:

QUART 4 QUARTS Champion of England......20 35 \$1.10 \$2.00 Pride of the Market.....20 2.00 35 1.10 1.75 Everbearing.. 30 1.00 Large White Marrowfat ......15 25 .90 1.50 Black-eyed Marrowfat......15 25 .90 1.50 French Canner (Petit Pois)....20 2.25 1.25 35 1.50 2.50 40 2.50Giant Sugar ..... 25 FIELD PEAS. (See page 49.)

#### PEAS BY PARCEL POST.

The prices given in this catalogue for Peas of all kinds are for same to be sent by express or freight, at purchaser's expense. If pints or quarts are wanted sent by Parcel Post, remit extra as follows:

To points East of Mississippi River, 8 cts. pt.; 12 cts. qt. To points West of Mississippi River, 15 cts. pt.; 25 cts. qt.

Packets of all varieties of Peas, 10 cts. each.

### SECOND EARLY AND MEDIUM VARIETIES.

Senator. (See Specialties, page 8.)

Lincoln. Grows about 1½ feet in height and produces long, curved, deep green pods in pairs, literally covering the plant. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Abundance. Pods contain 6 to 8 large wrinkled Peas, and ripen about one week after the earliest kind; height 1½ feet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 30 cts. (if by Parcel Post, add as noted at top of page); 4 qts.; \$1.00; peck, \$1.75.

Advancer. Prolific, well filled, long pods, tender and delicious flavor; 2 feet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 30 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.00; peck, \$1.75.

Shropshire Hero. Produces long, handsome, well-filled pods in great abundance;  $2\frac{1}{2}$  feet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Heroine. A medium early green wrinkled Pea; height 2 to  $2\frac{1}{2}$  feet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Fillbasket. Pods well filled with medium-sized Peas; height 2½ feet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

#### GENERAL LATE CROP.

Potlatch. (See Colored Plate and page 8).

Telephone, (See cut.) Vines are very strong in growth and average 18 to 20 pods per stalk; the pods are of large size, containing 6 to 7 Peas each, which are of a pale green color, closely packed in the pod, and of a most delicious flavor; height 3½ feet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Dwarf Champion. A dwarf variety, very hardy and of fine quality. Has less vine and produces larger pods than Champion of England; height, 2 feet. By express or freight, at purchaser's expense, pt., 20 cts,; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Carter's Daisy, or Dwarf Telephone. This is a dwarf variety, bearing large, handsome pods like Telephone; height, 18 inches. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if.by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Improved Stratagem. Pods of immense size, filled with very large dark green Peas of the finest quality; height, 18 inches. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Long Island Mammoth, or Telegraph. A very productive late variety. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Yorkshire Hero. Pods are well filled with large Peas, which remain in good condition for a long time; 2 feet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 30 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.00; peck, \$1.75,

### **POTATOES**

Culture.—Any good well-drained fibrous loam will produce Potatoes under right climatic conditions. For early Potatoes, which mature in 8 to 10 weeks from planting, the soil must be particularly rich. A rich clover sod, manured and broken the year before and planted to corn, beans, peas, oats, etc., is in best shape for giving a good yield of nice clean Potatoes. Stable manure had better be applied to the land the year before, while some good complete fertilizer, at the rate of up to 1000 pounds per acre if applied broadcast, or 400 to 600 pounds if applied mostly in the rows, may be used directly for the Potato crop. Open furrows 3 feet apart and 3 to 4 inches deep. Apply the fertilizer, and run the furrower or small plow again in the furrow to mix the fertilizer with the soil and leave a mellow seedbed. Then plant good-sized pieces, each containing not less than 2 or 3 eyes, 15 inches apart in the furrows for early Potatoes, and 18 inches apart for late ones. In some of the large Potato sections the Potatoes are always planted in check rows 3 feet apart each way. Cover with coverer, small plow or other suitable tool. Cultivate often. Bordeaux Arsenate of Lead Mixture as a protection from flea beetle, potato beetle and blight. 8 to 10 bushels will plant an

IMPORTANT.—Prices of Potatoes are subject to market changes. Potatoes are forwarded by express or freight as directed, purchaser paying charges. We assume no risk on Potatoes, which are forwarded strictly on purchaser's responsibility.

Dreer's New Early Standard. (See cut.) An extremely early variety, which matures fully one week ahead of the Bovee. The tubers are produced abundantly and are of a uniform size. The plants are of dwarf, compact habit, strong and healthy, usually free from blight and disease, and will also withstand drought well. When the tubers are matured, the vines die down and do not make a second growth. It produces a large crop of smooth Potatoes, which are roundish in shape, beautiful white skin, very smooth and few eyes. The quality is superb, flesh being pure white and cooks very mealy.  $\frac{1}{2}$  peck, 45 cts.; peck, 75 cts.; bu., \$2.25; bbl. sack, \$5.00.

Bliss' Triumph. Extremely early, round, thin red skin, white flesh; sometimes sold in market as Bermu-

das. Peck, 75 cts.; bu., \$2.25; bbl. sack, \$5.00. Pride of the South, or White Bliss. White skin and flesh, extra early and productive. Peck, 70 cts.; bu., \$2.00; bbl. sack, \$4.75.

Bovee. Earlier than the Early Rose and a much more productive variety. The vine is dwarf and stocky, skin pink or flesh color, presenting a fine appearance, and the quality is all that could be desired. Peck, 70 cts.; bu., \$2.00; bbl. sack, \$4.50.

Early Rose. An old favorite. The Potatoes are long in shape, good size, cook mealy and are of a very fine The stock we furnish is northern-grown. Peck, 70 cts.;

bu., \$2.00; bbl. sack, \$4.50.

Irish Cobbler. One of the first varieties of Potatoes to be ready for market, and therefore will command a good price. The skin is creamy-white, sometimes netted, which is an indication of good quality; eyes are strong, well developed, and but slightly indented. The flesh is white and of fine flavor. Peck, 70 cts.; bu., \$2.00; bbl. sack, \$4.75.

Beauty of Hebron. Early; productive; of excellent quality.
Peck, 70 cts.; bu., \$2.00; bbl. sack, \$4.50.

Early Ohio. A short, round variety which matures early, and the Potatoes are fit for use before fully ripe. Many growers consider it the most profitable early market variety. Peck, 70 cts.; bu., \$2.00; bbl. sack, \$4.50.

Burbank's Seedling. A white-skinned, medium early variety, with few eyes; flesh fine-grained and good flavor. Peck, 65

cts.; bu., \$1.85; bbl. sack, \$4.25.

White Star. A medium early variety of fine quality and appearance; large, oblong, uniform-sized tubers, remarkably productive. Peck, 65 cts.; bu., \$1.85; bbl. sack, \$4.25.

State of Maine. Medium early, splendid flavor, cooks dry,

is a good keeper and very productive. Peck, 65 cts.; bu.,

\$1.85; bbl. sack, \$4.25.

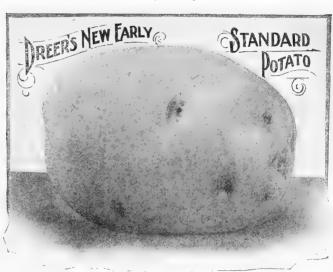
Carman No. 1. Intermediate in ripening, and resembles the Rural New Yorker No. 2 in shape, and also in having very few and shallow eyes. The flesh is white and quality perfect. Peck, 65 cts.; bu., \$1.85; bbl. sack, \$4.25.

Carman No. 3. A good late variety and a good yielder; large, oblong, slightly flattened. Peck, 65 cts.; bu., \$1.85; bbl. sack,

\$4.25

Rural New Yorker No. 2. A valuable variety of large size, very smooth and a great cropper; in quality unexcelled. It is the best late long keeper, and we recommend it highly. Peck, 65 cts.; bu., \$1.85; bbl. sack, \$4.25.

Sir Walter Raleigh. A seedling from Rural New Yorker The flesh is white and fine-grained. Peck, 65 cts.; bu., \$1.85; bbl. sack, \$4.25,



Grosser Kuerbis, Ger. Potiron, FR. Calabaza, Sp.

One ounce for 25 hills, 3 pounds for an acre.

Culture. Sow in good soil in May, when the ground has become warm, in hills 10 feet apart each way, or in fields of corn about every fourth hill; plant at the same time with the corn. Pumpkin varieties if planted together will mix. There is not much danger of their mixing or hybridizing with squashes or other vines. Sugar, or New England Pie. (See Specialties, page 9.) Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.
Winter Luxury Pumpkin. A very good keeper and a

splendid pie Pumpkin; shape round, skin finely netted, and beautiful russet-yellow color; flesh thick and of fine flavor.

Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 30 cts.; lb., \(\frac{\$1.00}{.}\) Mammoth Golden Cashaw. Grows to a large size, with crooked neck, and is an improvement on the old light colored Cashaw, the skin being a golden-orange color. Pkt., 5 cts.; oz., 10 cts.; 1/4 lb., 30 cts.; lb., \$1.00.

Quaker Pie Pumpkin. A fine-grained, oval-shaped Pumpkin of rich flavor. Skin and flesh are cream color and it keeps well if stored in a dry place. Pkt., 5 cts.; oz., 10 cts.; ½ lb.,

30 cts.; lb., \$1.00.

Large Yellow Mammoth Pot Iron (King of the Mammoths, Jumbo). Produces the largest Pumpkins. Specimens have been grown weighing over 100 pounds. Skin rich dark yellow, flesh lighter shade, very tender and sweet. Pkt., 10 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts.; lb., \(\\$1.50\).

Large Cheese. A large flat variety which is very good for table use. Flesh yellow and sweet. Pkt., 5 cts.; oz., 10

cts.; ½ lb., 25 cts.; lb., 85 cts.

Tennessee Sweet Potato. Pear-shaped, thick white flesh. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., \$1.00.

Large Yellow Field. For feeding stock. Oz., 10 cts.; ½ lb., 20 cts.; lb., 55 cts. By express, 10 lbs., \$4.50.

### **RADISH**

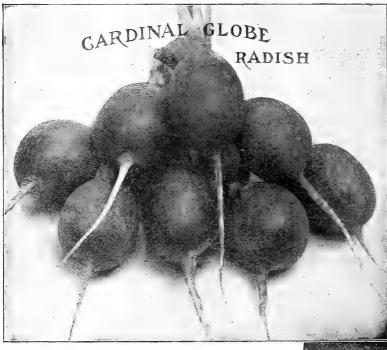
Radischen, GER.

Radis, Rave, Petite Rave, FR.

Rabana, Sp.

One ounce of seed will sow 100 feet of drill.

CULTURE.—Sow early and often. In good, warm, fibrous loam, especially if quite sandy, summer Radishes will make a crop in 4 to 6 weeks from sowing. The soil should be well prepared, and fertilizers may be used freely. Have the rows a foot apart, and sow just seed enough so that they will not require thinning. Any little spot that becomes available during summer may be utilized for planting Radishes. The short or turnip-rooted sorts are quickest and easiest to grow, and good for forcing also. On greenhouse bench or fremes the rows need not be more than 4 inches apart. Sow winter Radishes in July and August. They grow best in the cooler Autumn weather. Take them up before severe freezing and store in sand in the cellar or in a pit, where they will keep tender and crisp all winter.



French Breakfast. Oblong shape, very mild and tender. Pkt.. 5 cts.; oz., 10 cts.; ½ lb., 25 cts.; lb., 75 cts.

Round Red Forcing. One of the earliest and best of the Turnip varieties for forcing; very short-leaved; small top; color of skin dark red, white-fleshed. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., 85 cts.

Dreer's Crystal Forcing. Of remarkably quick growth, beautiful shape; small top. A very desirable and shapely Radish; in tact, we consider it superior to any other round white forcing Radish. Compared to such white sorts as White Box, Round White Forcing, etc., it is far superior, both as to quickness of growth and fine quality. Pkt., 10 cts.; cz., 15 cts.; ½ lb., 40 cts.; lb., \$1.25.

Dreer's Earliest White Globe Forcing. (See cut.) The earliest white olive shaped Radish in existence, heautiful, transparent ivory-white skin, very small root, small top; flesh white, tender and crisp. It is particularly adapted to forcing in greenhouse or hotbed; also does well in open ground. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

New Perfection. (See Specialties, page 10.) Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

Earliest Red May. (See Specialties, page 10.) Pkt., 10 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts.; lb., \$1.25.

Earliest White May. (See Specialties, page 10.) Pkt., 10 cts.; oz., 15 cts.;  $\frac{1}{4} \text{ lb.}$ , 40 cts.; 10 lb.; \$1.25.

Cardinal Globe. (See cut.) Those who like the crisp little red Radish that come so early will be pleased with this variety. The Radishes grow gobular in shape and are of a most brilliant cardinal-red color. It will stand considerable heat; therefore it is a quick forcer, and the quality is fine, being crisp and tender. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., \$1.00.

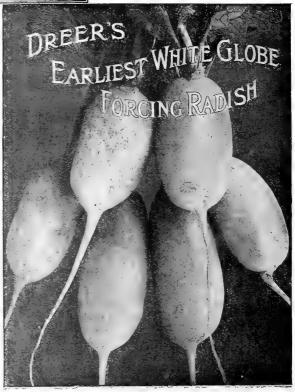
Crimson Giant. An extra early Radish, good for forcing or outdoor growth. It is nearly round in shape, remarkably solid, crisp and juicy. Can be allowed to grow for a long time before getting hollow. Pkt., 5 cts.; oz, 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

Dreer's Crimson Ball. A dainty little Radish, of mild flavor; skin bright red, flesh tinged with red. Pkt., 10 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 40 cts.; lb., \$1.25.

White=tipped Scarlet Gem. Leaves short and excellent for forcing; color bright scarlet with white tip. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 85 cts.

Cincinnati Market. An extra early variety of the Long Scarlet type; of a clear bright red color and grows to large size. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts; lb., 85 cts.

	PKT.	OZ.	1/4 LB.	LB.
Early Scarlet Turnip	5	10	25	75
Long Scarlet Short Top.		10	25	75
Philadelphia White Box.	5	10	30	85



### RADISH—Continued.

#### SUMMER RADISHES.

(See cut.) A long Radish transparent white, small top, allowing close planting, and are very crisp and brittle. The Radishes remain in good condition for a long time while growing, allowing continuous use from one planting. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 30 cts.; lb., \$1.00.

Dreer's White Delicacy. An attractive long white variety, which is a great improvement on the White Strasburg, being earlier, more evenly shaped and smaller top. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb. \$1.00.

White Strasburg. Roots oblong; pure white; mild flavor. Can be used while quite small, and is an excellent sort for growing during the summer season. Pkt., 5 cts.; oz., 10 cts.; ½ lbs., 30 cts.; 1b., 85 cts.

Beckert's Chartier. Long crimson, shaded white. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 25 cts.; lb., 75 cts.

Long White Vienna (Lady Finger). Skin and flesh are pure snow-white; crisp and of rapid growth. Pkt., 5 cts.; oz., 10 cts.; 4 lb., 30 cts.; lb., 85 cts.

#### WINTER RADISHES.

White Chinese, or Celestial. One of the best winter Radishes; stump-rooted, and even when extremely large the Radishes are solid, crisp and of a mild flavor; skin pure white and Radishes may be used at all stages of growth. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 30 cts.; lb., \(\frac{\$1.00}{.}\)

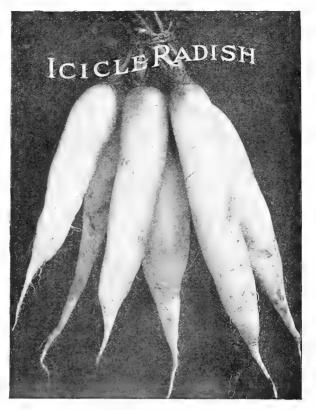
Scarlet China. Bright rose color. Flesh, white, crisp and pungent. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., 85 cts.

Round Black Spanish. Excellent for winter use. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., \$1.00.

Long Black Spanish. Long in shape, of good flavor. Pkt., 5 ets.; oz., 10 ets.;  $\frac{1}{4}$  lb., 30 ets.; lb., \$1.00.

Long White Spanish. Good flavor and keeps well. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb.; 30 cts.; lb., \(\\$1.00\).





Rhabarber, RHUBARB. Rhubarb, Fr. Ruibarbo, Sp.

#### One ounce of seed to 125 feet of drill.

Culture. - Good plants are easily grown in any good garden soil. Sow seed thinly in shallow drills a foot apart, thin to 4 or 5 inches. Keep soil loose and free from weeds. The plants are liable to vary considerably. Pick out the strongest and best. In fall or spring following, transplant to the permanent bed, 4 feet apart each way, in deep, warm and very rich soil. The more manure the better stalks. For winter forcing take up two-year roots in fall, leave out to freeze, then bed close together on cellar bottom or under greenhouse bench in the dark.

Linnæus. Early, large, tender and very fair. Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts.

Victoria. Very large, the finest cooking variety. Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts.

(For Rhubarb Roots see page 264.)

Hafer-Wurzel, SALSIFY Ostion Vegetal, Sp.

#### or VEGETABLE OYSTER. One ounce for 50 feet of Drill.

Culture. Used the same as carrots, or, after having been boiled, made into cakes and fried like oysters, which they resemble in flavor. Cultivate the same as carrots or parsnips; it is hardy: can remain in the ground all winter for early spring use, but should be taken up before it starts growing; take up a supply for use during the winter. Succeed best in a light, wellenriched mellow soil. Sow early in the spring in drills 15 inches

Mammoth Sandwich Island. (See cut.) Salsify grows to a very large size and resembles a good-sized

apart, 1 inch deep; thin to 6 inches in rows.

Parsnip. It is very mild and delicately flavored; and very popular. Pkt., 5 cts.; oz., 20 cts.; \(\frac{1}{4}\) lb., 50 cts.; lb., \(\frac{\$1.75}{5}\). Long White. A favorite market variety and fine flavored.

Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.50. **Long Black or Scorzonera.** Resembles above, but black. Pkt., 10 cts.; oz., 25 cts.; \(\frac{1}{4}\) lb., 75 cts.; lb., \(\frac{5}{2}\).50.

# HENRY A DREER PHILADELPHIA PA RELIABLE VEGETABLE SEEDS.

Spinat, GER.

### SPINACH

Espinard, Fr. Espinaca, Sp.

One ounce for 100 feet of drill; 10 to 12 lbs. in drills for an acre.

Culture.—Spinach is an important market gardener's crop, of easy culture. For spring and summer use sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use, sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich. The stronger the ground the more delicate and succulent will be the leaves. The New Zealand Spinach, which requires more room, as it makes a large and spreading plant, may be started from seed early in spring to give greens during the heat of summer. Light applications of nitrate of soda have often a magic effect on Spinach. Spinach is sometimes forced by sowing in early September in frames, over which sash is placed during February and March, and further protected by mats during severe freezing weather.



Dreer's Round-seeded Savoy Spinach. (See cut.) This is the hardiest large Savoy-leaved; curled and crimped, with thick fleshy leaves; excellent for family use, and best of all for fall sowing. Pkt., 5 cts.; oz., 10 cts.; 1 lb., 20 cts.; lb., 50 cts.; 10 lbs., by express, \$4.00.

Long Season Spinach. Spwings can be made in early spring and followed monthly with further sowings, and the crop will be continuous throughout the entire summer, hence its appropriate name, "Long Season." The leaves are a rich dark green color, very thick, crimped and of splendid quality. Pkt., 5 cts.; oz., 10 cts.; 1/4 lb., 20 cts.; lb., 55 cts.; 10 lbs., by express, \$4.50.

Victoria. Remarkably fine texture and of the deepest green color, heavily crimped, thick, fleshy leaves, deep red stem. Pkt., 5 cts.; oz., 10 cts.; 4 lb., 20 cts.; lb., 50 cts.; 10 lbs., by express, \$4.00.

Long-standing Round-seeded. A large, crimped, thick, fleshy, Savoy-leaved variety. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 20 cts.; lb., 50 cts.

New Zealand. This endures heat, and is best for summer. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 30 cts.; Ib., \$1,00.

Prickly=seeded. The hardiest variety, bears medium size leaves. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 20 cts.; lb., 55 cts.

SWISS CHARD, OR SPINACH BEET (See page 17).

Speisse Kuerbis, GER.

### SOUASH

Courge, Fr. Calabaza, Sp.

One ounce of seed for 25 hills, 3 to 4 pounds for an acre.

CULTURE.—All Squashes do best in warm and very rich soil. Plant in well-manured hills, same as melons or cucumbers, the bush varieties 4 feet apart each way, the winter sorts 10 to 12 feet each way. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects. When danger of such losses is past, thin to 2 or 4 plants to the hill. To repel the squash vine borer, throw a handful of tobacco dust close around the plants. The large, strong-smelling black squash bug can be kept in check by hand-picking, going over the vines at frequent intervals. For yellow-striped beetle and blight, spray early and repeatedly with Bordeaux Arsenate of Lead Mixture. Winter Squashes may also be grown in cornfields in same manner as pumpkins.

Extra Early Jersey White Bush. (See Specialties, page 10.) Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts.; lb., \(\\$1.25\). **Delicious.** (See Specialties, page 10.) Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts.; lb., \(\frac{5}{2}\).

Golden Custard Bush. Similar in shape to the White Bush variety, but skin is a rich golden-yellow and flesh pale yellow. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

Giant Summer Crook=neck. Much larger than the original

Summer Crook-neck and of more vigorous growth. The flesh is thick, yellow, and of splendid quality. Pkt., 5 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 40 cts.; lb., \$1.25.

Boston Marrow. A good keeper, of excellent flavor; flesh

orange-colored and fine-grained; oval form and a popular sort. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., \$1.00.

Warted Hubbard. A Hubbard Squash with warted skin.

The vines grow strong and produce a large number of Squashes, which are of good size and keep well. Pkt., 5

cts.; oz., 15 cts.; ½ lb., 40 cts.; lb., \$1.50. **Hubbard.** A reliable old-time variety of winter Squash. Large size; flesh bright orange, fine grained and good flavor. Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts.; lb., \(\frac{\$1.50}{.}\)

Golden Hubbard. Shape same as old-fashioned Hubbard, but skin is rich orange color. The flesh is deep golden yellow; Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts. lb., \$1.50.

Mammoth Chili. Rich orange-yellow; flesh thick and of good quality for making pies; also a good sort for feeding stock. Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts.; lb., \$1.50.

#### VEGETABLE MARROWS.

Long Cream. (See Specialties, page 9.) Pkt., 15 cts.; oz., 35 cts.; \(\frac{1}{4}\) lb., \(\\$1.00\).

English Marrow. A bush variety; fruits shorter than Long Cream. Pkt., 10.cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 75 cts. Long Green. Long and rather slim, with striped green skin;

a vine variety. Pkt., 15 cts.; oz., 35 cts.; ½ lb., \$1.00.

Cocozelle Bush. Oblong, skin green-striped; excellent quality. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.

Sauerampfer, Ger. Oseille, FR. Acedera, SP.

Culture. - Used for soups and salads on account of its pleasant acid flavor. Sow seed in any good garden soil, in shallow drills a foot apart. Thin plants to a few inches apart and remove seed stalks as soon as they appear.

Large-leaved Garden. Pkt., 5 cts.; oz., 15 cts.; 1 lb., 40



CULTURE. -- For first early Tomatoes select varieties of the earliest types, and start the plants under glass during February When plants are 2 inches high, transplant into flats, thumb pots or plant boxes, and later on transplant again, giving more room. Never crowd the plants, but keep them short and stocky. Plants already in bloom or with fruit set, if in wooden plant boxes or in pots, may be transplanted in open ground without disturbing their roots, and will continue to bloom and fruit without check. Set these sorts 4 feet apart each way in warm, mellow soil of fair fertility as soon as danger from belated frost is past. For main crop, the plants can be started somewhat later, in hotbed or cold frame, once transplanted to keep them stocky, and then set in open ground in fairly warm soil, 5 feet apart each way. A very ornamental show can be made in the home garden by training tomato plants to stakes, poles or trellis. Applications of superphosphate, or of some good complete (vegetable) fertilizer often have a very happy effect on Tomatoes in hastening maturity and increasing the yield. One ounce of seed will produce from 3,000 to 4,000 plants.

Dwarf Stone (See Colored Plate and page 8.) Pkt., 10 cts.; oz., 30 cts.; ½ lb., \$1.00.

Early Detroit. (See Specialties, page 10.) Pkt., 10 cts.; oz., 30 cts.; \(\frac{1}{4}\) lb., \(\frac{\$1.00}{.}\)

Dreer's Superb Salad (See Specialties, page 10.) Pkt., 10 cts.; oz., 40 cts.;  $\frac{1}{4}$  lb., \$1.25.

omet. (Forcing.) An excellent variety for forcing. Medium size, color rich scarlet, of good quality. Fruits are produced in clusters and it is a heavy yielder. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 25 cts.; oz., 40 cts.;  $\frac{1}{4}$  lb., \$1.25.

Lorillard. (Forcing.) A good sort for forcing under glass as well as for out-door culture, bright red, smooth, early. Pkt., 10 cts.; oz., 30 cts.; \(\frac{1}{4}\) lb., 85 cts.

Spark's Earliana. An extra early variety. Fruits smooth and bright red. Our strain of "Earliana" is very choice and produces fruits of uniform size and smooth shape. Pkt., 10 cts.; oz., 30 cts.; \(\frac{1}{4}\) lb., \(\\$1.00\).

Bonny Best. An early and productive variety. Fruits are round, somewhat flattened at stem end, and are produced in The color is scarlet, and it is a good forcing Tomato. Pkt., 10 cts.; oz., 30 cts.; \(\frac{1}{4}\) lb., \(\frac{\$1.00}{.}\)

June Pink. This is really a pink "Spark's Earliana," as it resembles that variety in every way except the color, which is pink. The fruits grow in clusters, and begin to mature very early, measure 3 inches in diameter and are of excellent quality. It bears for a long season, until the vines are killed by frost. Pkt., 10 cts.; oz., 30 cts.; \(\frac{1}{2}\) lb., \(\frac{\$1.00}{}\). **Dwarf Champion.** An early and distinct variety, medium

in size, plant of dwarf and compact growth. Color purplish-

pink. Pkt., 5 cts.; oz., 30 cts.; ½ lb., 85 cts.

Paragon. A fine early variety. Fruit deep red, solid and smooth as an apple. A good Tomato either for slicing or

canning. Pkt., 5 cts.; oz., 25 cts.; \(\frac{1}{4}\) lb., 75 cts. **Beauty.** Rich glossy crimson, with a slight purple tinge; large size, very smooth and solid. Vines make good strong growth and are very productive; fruits begin ripening about mid-season. Pkt., 5 cts.; oz., 25 cts.; ½ lb., 75 cts.

The Stone. (See cut.) Dreer's selected stock. Fruit very large and deep; bright scarlet; smooth; ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed, of the finest quality. The plants grow vigorously and are very productive, the Tomatoes are heavy and thick-meated, making it an extremely valuable variety for family use and for canning purposes. Pkt., 5 cts.; oz., 25 cts.; ½ lb., 75 cts.

Favorite. Large size, ripens evenly and early; very prolific, good flavor. Pkt., 5 cts., oz., 25 cts, 1 lb., 75 cts.

Acme. A good Tomato for family use; ripens evenly; of medium uniform size, round, very solid, of a pinkish color. Pkt., 5 cts.; oz.; 30 cts.; 4 lb., 85 cts.

Matchless. A large, bright red Tomato, very solid and meaty, containing but few seeds, and the flavor is excellent. Pkt., 5 cts.; oz., 30 cts.; 4 lb., 85 cts.

Trophy. An old-time favorite. Large size, smooth, solid and excellent flavor, Pkt., 5 cts.; oz., 25 cts.; \(\frac{1}{4}\) lb., 75 cts.

Ponderosa. This is one of the largest varieties. The fruits are a purplish-pink color, very solid and contains few seeds. Ripens at mid-season, continuing to do so until frost, Pkt., 10 cts.; oz., 40 cts.;  $\frac{1}{4}$  lb., \$1.25.

Crimson Cushion. Large size, nearly round and of very good quality. The color is bright scarlet and flesh very thick and meaty. Pkt., 10 cts.; oz., 40 cts.; \(\frac{1}{4}\) lb., \(\frac{\$1.25}{.}\)

Golden Queen. A very handsome large yellow Tomato. Pkt., 10 cts.; oz., 30 cts.; \(\frac{1}{4}\) lb., \(\\$1.00\).

#### PRESERVING TOMATOES.

The following small-fruited varieties are used for making preserves, and are also quite ornamental:

Pear=shaped Red, Pear=shaped Yellow, Yellow Plum, Yellow Cherry, Red Cherry, Red Currant, Red Peach, Strawberry, or Ground Cherry. Each at 5 cts. per pkt.; 30 cts. per oz.

TOMATO PLANTS. See page 264.

# HENRY A-DREER - PHILADELPHIA - PA - RELIABLE VEGETABLE SEEDS - III

Steckruebe, GER.

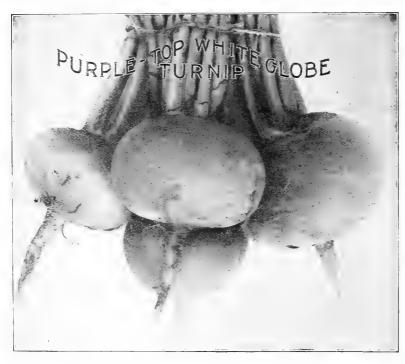
### **TURNIP**

Navet, Fr.

Nabo, Sp.

One ounce will sow 200 feet of drill, one to two pounds for an acre.

Culture. For early, sow seed of flat varieties in open ground in spring, in drills one foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession sow every two weeks until June. For fall and winter sow in July and August. A good crop may often be grown by scattering seed thinly in the cornfield at last cultivation. For Ruta Bagas, sow seed in seed-bed in spring and transplant to good warm soil, in rows at least 2 feet apart and 8 or 10 inches apart in the rows, or sow in open ground during June and early July. Take up the roots just before winter, top and store in cool cellar, or pit outdoors.



Snowball. A fine-looking, pure white variety which matures in from six to seven weeks. The bulbs have a smooth white skin and are nearly round. This Turnip does not grow large but is one of the best to sow very early in the spring. It can be used before fully grown, in which case it is very tender and sweet. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 30 cts.; lb., 80 cts.

Early White Egg. Matures very quickly and is adapted for either spring or fall sowing. Egg-shaped and very smooth with thin skin. The tops are small and roots which grow partly above the ground are of medium size, pure white flesh and skin, fine grained and sweet. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., 80 cts.

Long White. or Cow Horn. Grows very quickly, partly above ground; very productive; flesh white, fine-grained and sweet; of excellent quality for family use and for stock feeding. The roots are very large, sometimes fifteen inches long and two inches in diameter. This Turnip is also largely used for turning under as a green manure in conjunction with Crimson Clover, and is very valuable for that purpose. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 80 cts.

Yellow Globe (Amber Globe.) One of the best for a general crop. It produces a globe-shape root, with smooth skin and light-yellow flesh, which is firm and sweet. It grows to a large size, excellent for table use or feeding stock, and keeps well until late in the spring. Pkt., 5 cts., oz., 10 cts.; ½ lb., 30 cts.; lb., 80 cts.

Golden Ball. A rapid grower, of excellent flavor, globe-shaped, bright yellow color, good keeper and a superior table variety or for stock. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., 80 cts.

Yellow Aberdeen, Purple-Top. Very hardy and productive, good keeper, globe-shaped and fine quality. The Turnips grow to a large size, and are valuable for feeding stock. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., 80 cts.

Purple-Top White Globe. (See cut.) Globular shape, handsome and of superior quality either for the table or stock. Is a heavy producer, early, and a good keeper. The flesh is white and skin white, with purple at portion which grows above the ground. It is in best condition for table use when the roots are about three inches in diameter. One of the best varieties, and very largely grown for market. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., 80 cts.

Red or Purple=Top (Strap-Leaf). An early strap-leaf variety which is good for early spring and fall use. Roots flat, top red or purple, flesh fine grained and mild flavor. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 30 cts.; lb., 80 cts.

Early WhiteFlat Dutch (Strap-Leaf). This is an early white-fleshed variety, of quick growth, mild flavor. Pkt., 5 cts.; oz., 10 cts., ½ lb., 30 cts.; lb., 80 cts.

Extra Early Purple = Top Milan. Handsome appearance, somewhat flattened, white, with purple top, flesh snow-white. Pkt., 5 cts.; oz., 15 cts.; ½ lb., 40 cts.; lb., \$1.25.

Early White Milan. Like above, but pure white. Pkt., 5 cts.; oz., 15 cts.; \(\frac{1}{4}\) lb., 40 cts.; lb., \$1.25.

#### RUTA BAGA.

Dreer's Improved Purple=Top. This special strain of Ruta Baga is remarkable for uniform shape and fine quality, and is also a splendid keeper. They grow to a large size; skin is smooth, and flesh a beautiful yellow color and finegrained. The flavor is good, being very sweet and tender. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 30 cts.; lb., 80 cts. Budlong's Improved. White, very sweet; much milder flavor

Budlong's Improved. White, very sweet; much milder flavor than any of the other sorts; globe-shaped; skin a creamy-yellow, Pkt. 5 ets.: oz., 10 ets.: 1 lb., 30 ets.; lb., 80 ets.

Pkt., 5 cts.; oz., 10 cts.; \( \frac{1}{4} \) lb., 30 cts.; lb., 80 cts. **American Purple-Top.** Very hardy and productive; flesh yellow, solid, sweet; good for stock or table use. Pkt., 5 cts.; oz., 10 cts.; \( \frac{1}{4} \) lb., 25 cts.; lb., 75 cts.

Skirving's Purple=Top. An important variety of large size and strong growth; a heavy cropper and one of the best. Pkt., 5 cts.; oz., 10 cts.; \(\frac{1}{4}\) lb., 25 cts.; lb., 75 cts.

#### TOBACCO.

Tabac, GER. Tabak, FR. Tabaco, Sp.

One ounce of good seed is sufficient for an acre.

Culture. Sow seed for plants early in spring in frames or seedbed, using soil well enriched with wood-ashes, etc. Transplant to open ground when weather has become warm and settled, in rows 4 feet apart, and give cultivation as for corn.

Connecticut Seed Leaf. One of the best varieties for cigar

Connecticut Seed Leaf. One of the best varieties for cigar wrappers. The leaves are of good width and length and grow closely on the stalk. Pkt., 5 cts.: oz., 25 cts.

closely on the stalk. Pkt., 5 cts.; oz., 25 cts.

Pennsylvania Seed Leaf. Produces a very large leaf and is extensively grown in Lancaster County, Pa. Pkt., 5 cts.; oz., 25 cts.

Havana. The seed we offer is the best Vuelta Abajo obtained by us direct from Cuba, and is the finest flavored Havana tobacco grown. Pkt., 10 cts.; oz., 40 cts.



Prices for larger quantities than one Pound are f. o. b. Philadelphia, and subject to market changes.

Kentucky Blue Grass, Fancy Cleaned (Poa pratensis).
Also known as June Grass, Green Grass, etc. Valuable for lawns and pasture. Sow 3 to 5 bushels per acre for lawn; 2 bushels per acre for pasture. Lb., 30 cts., postpaid. Bu. (14 lbs.), \$2.25; 100 lbs., \$15.00.

Canadian Blue Grass (Poa Compressa). Thrives well on clay. Sow 30 lbs, per acre. Lb., 25 cts., postpaid. Bu. of 14 lbs., \$2.00; 100 lbs., \$12.00.

Red-top, or Herds Grass (Agrostis vulgaris). Suitable for meadow, also lawns and pasture. Sow 3 to 4 bushels per acre for lawns; for pasture, 1½ to 3 bushels per acre. Lb., 25 cts., postpaid. Bu. (10 lbs.), \$1.50; sack of 50 lbs., \$6.50; 100 lbs., \$12.00.

**Red-top Grass, Extra Re-cleaned Seed.** Lb., 35 cts., postpaid. Bu. (32 lbs.), \$7.00; 100 lbs., \$20.00.

Orchard Grass (Dactylis Glomerata). One of the most valuable of the pasture grasses; makes a good hay. Sow 3 bushels to the acre. Lb., 35 cts., postpaid. Bu. (14 lbs.), \$3.00; 100 lbs., \$20.00.

English Rye Grass, or Perennial Rye (Lolium perenne). Sow 60 lbs. to the acre. Lb., 25 cts., postpaid. Bu. (24 lbs.), \$2.75; 100 lbs., \$10.00.

Italian Rye Grass (Lolium Italicum). Valuable for pasture mixtures. 50 lbs. to the acre. Lb., 30 cts., postpaid. Bu. (18 lbs.), \$2.50; 100 lbs., \$12.00.

Meadow Fescue (Festuca pratensis). English Blue Grass, or Sweet Grass. Sow 50 lbs. to the acre. Lb., 35 cts., postpaid. Bushel (22 lbs.), \$4.50; 100 lbs., \$19.00.

Tall Meadow Fescue (Festuca elatior). Should form a part of all pasture mixtures on wet or clay lands. Lb., 55 cts., postpaid. Bu. (14 lbs.), \$6.00; 100 lbs., \$40.00.

Sheep's Fescue (Festuca ovina). Valuable for lawns and sheep's pastures. 40 lbs. to the acre. Lb., 45 cts., postpaid. Bu. (12 lbs.), \$4.00; 100 lbs., \$30.00.

Fine-leaved Sheep's Fescue (Festuca ovina tenuifolia). Excellent for lawns, etc. 30 lbs. to the acre. Lb., 55 cts., postpaid. Bu. (14 lbs.), \$6.00; 100 lbs., \$40.00.

Hard Fescue (Festuca duriuscula). 30 lbs. to the acre. Lb., 45 cts., postpaid. Bu. (12 lbs.), \$3.75; 100 lbs., \$28.00. Red, or Creeping Fescue (Festuca rubra). Suitable for sandy soils and at seashore; valuable for Putting Greens. Lb., 45 cts., postpaid. Bu. (14 lbs.), \$4.75; 100 lbs., \$30.00

Meadow Foxtail (Alopecurus pratensis). 30 lbs. to acre. Lb., 60 cts., postpaid. Bu. (7 lbs.), \$3.50; 100 lbs., \$45.00. Crested Dogtail (Cynosurus cristatus). 25 lbs. to the acre. Lb., 50 cts., postpaid. Bu. (21 lbs.), \$7.75; 100 lbs., \$35.00.

Bermuda Grass (Cynodon dactylon). Sow 8 to 10 lbs. to the acre. Lb., \$1.00 postpaid. Bu. (35 lbs.) \$28.00.

Rough-stalked Meadow Grass (Poa Trivialis). Good on either moist or dry soils. 30 lbs. to the acre. Lb., 60 cts., postpaid. Bu. (14 lbs.), \$7.00; 100 lbs., \$45.00.

Awnless Brome Grass (Bromus inermis). A valuable grass for light, dry soils. 35 to 40 lbs. to the acre. Lb., 40 cts., postpaid. Bu. (14 lbs.), \$4.00; 100 lbs., \$25.00.

Tall Meadow Oat Grass (Avenu elatior). Valuable for soiling or permanent pasture. 50 lbs. to the acre. Lb., 45 cts., postpaid. Bu: (10 lbs.), \$3.50; 100 lbs., \$30.00.

Wood Meadow Grass (Poa nemoralis). Adapted, as its name implies, for wooded or shaded meadows or lawns. Sow 30 lbs. to the acre. Lb., 65 cts., postpaid. Bu. (14 lbs.), \$7.50; 100 lbs., \$50.00.

Creeping Bent Grass (Agrostis stolonifera). Excellent for lawns; makes a low, velvety growth. Lb., 60 cts., postpaid. Bu. (20 lbs.), \$9.50; 100 lbs., \$45.00.

Rhode Island Bent (Agrostis canina). Has a creeping habit and is hardy. Sow 4 bu. to the acre. Lb., 60 cts., postpaid. Bu. (14 lbs.), \$6.75; 100 lbs., \$45.00.

Sweet Vernal Grass (Anthoxanthum adoratum). Use 2 to 5 lbs. per acre. Lb., 75 cts., postpaid. 10 lbs., \$6.00.

Timothy. (Phleum pratense). Sow \( \frac{1}{2} \) bushel to the acre alone, or 8 to 10 quarts if used with other grass seeds. 45 lbs. to the bushel. Write for sample and price per bushel.

#### CLOVER SEED.

Red Clover, Medium (Trifolium pratense). Sow spring or fall, 10 to 15 lbs. per acre. Write for price.

Mammoth Red Clover (Trifolium pratense perenne). For plowing under. 10 to 15 lbs. per acre. Write for price.

Alsike, or Swedish Clover (Trifolium hybridum). Sow 8 lbs. to the acre when used alone. Write for price.

White Dutch Clover (Trifolium repens). Excellent for lawns. Sow 8 lbs. to the acre alone or 4 lbs. when used with other grasses. Lb., 75 cts., postpaid. By express or freight, at purchaser's expense, lb., 65 cts.; 5 lbs., \$3.15; 10 lbs., \$6.00; bu. (60 lbs.), \$34.25; 100 lbs., \$55.00.

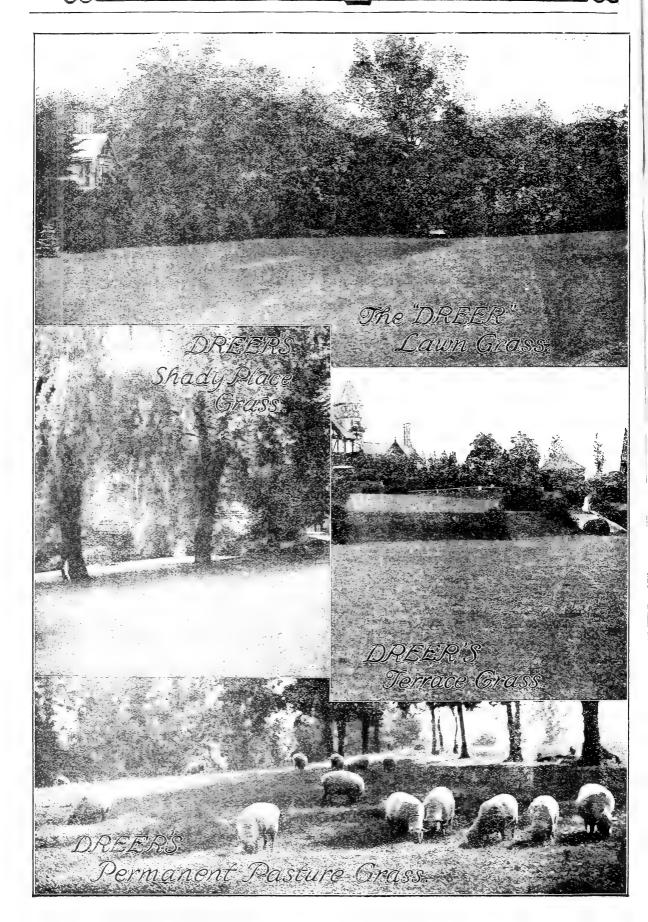
Sweet Clover, Bokhara (Melilotus alba), also Yellow Blossom (Melilotus officinalis). Grown for Bee food and as fertilizer. We supply either variety. Lb., 40 cts., postpaid. Write for price per bu.

Japan Clover (Lespedeza striata). Sow 14 lbs. per acre. Lb., 40 cts., postpaid; 100 lbs., \$25.00.

Sainfoin, Esparsette, or Holy Clover (Onobrychis sativa). Lb., 30 cts., postpaid. Bu. (20 lbs.), \$2.50.

Crimson, or Scarlet Clover. Write for price.

Alfalfa, or Lucerne (Medicaga sativa). Produces 3 to 4 heavy crops of nutritious hay in a season. Lb., 35 cts., postpaid. Write for price per bu.



# HENRY A DREER - PHILADELPHIA - PA - RELIABLE GRASS 40 CLOVER SEEDS

### DREER'S CELEBRATED LAWN GRASS SEEDS

UR special brands of Lawn Grass Seeds are noted for their adaptability to various situations and soil conditions, and are now used in every section of the country for making private lawns, and also on the grounds of many leading Country Clubs, Athletic Clubs, Golf Links, etc. The lawns at the Alaska-Yukon-Pacific Exposition, held during the summer of 1909, were made with Dreer's Lawn Grass," and we were awarded a Gold Medal for same. Many other prizes have been awarded us for Grass Seeds, including a Gold Medal by the Pan-America Exposition, held at Buffalo, N. Y.

#### THE "DREER" LAWN GRASS.

This is by far the best mixture of grasses offered for the purpose of quickly producing a permanent lawn. It is prepared from our own formula, and is a careful blending of varieties adapted to producing the thick growth and velvety appearance so much sought after. Each variety of grass in its composition is there for a special purpose; some for making strong, fibrous roots, which take hold upon the soil and keep the turf in place, others of a creeping nature quickly fill up any bare spots which may be caused by the taller sorts dying down; varieties which are useful for their color value, and also kinds that are able to withstand the beating down of excessive rains.

Whether you want to seed a small grass plot in your yard, or a lawn of more protentious size, you should use this grass mixture. For the convenience of customers, we put this seed up in various-size packages, from the single quart, which is sufficient to cover 300 square feet of ground, to such quantities as are required for seeding large lawns, where from five to six bushels of seed to the acre are required. Per qt., 30 cts., postpaid. By express or freight, at purchaser's expense, qt., 25 cts.; 4 qts., 75 cts.; peck, \$1.25; bushel (20 lbs.), \$5.00.

#### DREER'S SHADY PLACE GRASS.

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our regular Lawn Grass Mixtures, it may be used on etc., thus covering the whole area with a rich green sward. Per qt., 30 cts.; postpaid. By express or fraight, at purchaser's expense, qt., 25 cts.; 4 qts., 75 cts.; peck, \$1.25; bushel (20 lbs.), \$5.00. those portions of the lawn which are shaded by trees, buildings,

#### DREER'S TERRACE GRASS.

Ordinary lawn grass will not hold the soil on terraces and embankments, which require a thick turf, composed of varieties which make strong roots to take hold of the soil and prevent washing by heavy rains. Our Terrace Grass is a carefully prepared combination of such grasses as will fill the requirements by making a quick growth of grass which will form a strong mat and present a good appearance. It will grow well anywhere, but it is best to enrich the soil, in order to provide nourishment to the young roots and give a vigorous start to their growth. Per qt., 30 cts., postpaid. By express or freight, at purchaser's expense, qt., 25 cts.; 4 qts., 75 cts.; peck, \$1.25; bushel (20 lbs.), \$5.00.

#### SEASHORE LAWN GRASS.

A rich, green lawn is especially desirable at the seashore, but unless the right mixture of grasses and clover are used the result will be disappointing. Our Seashore Lawn Grass is composed of strong-rooted varieties which quickly produce a good turf. In preparing the land it should first be top-dressed with about four inches of good soil, as grass will not grow well in sand, but the seeds will quickly germinate in the top-soil and make strong roots, which reach down into the sand for moisture. In order to keep the seaside lawn in good condition, it should be watered liberally every evening, and also have an occasional application of pure Bone Meal, in order to keep up a vigorous growth. Per qt., 30 cts., postpaid. By express or freight, at purchaser's expense, qt., 25 cts.; 4 qts., 75 cts.; peck, \$1.25; bushel (20 lbs), \$5.00.

#### DREER'S "EVERGREEN" LAWN GRASS.

This special mixture produces beautiful and permanent lawns. It is made from our own formula and composed of grasses which are adapted for the purpose of producing turf which retains its rich green color and velvety appearance throughout the entire summer and fall. In making up this brand we are careful to use seed that has been thoroughly re-cleaned. Per qt., 25 cts.; postpaid. By express or freight, at purchaser's expense, per qt., 20 cts.; 4 qts., 65 cts.; peck, \$1.00; bushel (20 lbs.), \$4.00.

#### DREER'S FAIRMOUNT PARK. LAWN GRASS.

This mixture is well suited for various soil conditions, giving good results even in small city grass plots, where the soil is generally stiff and heavy. It is also valuable for use on embankments and terraces, also for renovating old, worn-out lawns. Per qt., 20 cts., postpaid. By express or freight, at purchaser's expense, per qt., 15 cts.; 4 qts., 55 cts.; peck, 90 cts.; bushel (20 lbs.), \$3.50.

#### DREER'S PUTTING GREEN MIXTURE.

A careful study of the requirements for making the most supstantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. The varieties comprising it are all of the finest-bladed, low-growing and most hardy kinds, and maintain their rich, green color throughout the season. We also recommend it for terraces, embankments and steep slopes. Per qt., 35 cts., postpaid. By express or freight, at purchaser's expense, per qt., 30 cts.; 4 qts., \$1.00; peck, \$1.75; bushel (25 lbs.), \$7.00.

#### DREER'S GOLF LINKS MIXTURE

Made from our own formula with the object of producing a tu f which will stand rough usage. For Tennis Courts, Cricket Tables, Golf Links, Polo Grounds, this seed will give perfect satisfaction. Per qt., 20 cts., postpaid. By express or freight, at purchaser's expense, per qt., 15 cts.; 4 qts., 50 cts.; peck, 75 cts.; bushel (15 lbs.), \$3.00.

#### WHITE DUTCH CLOVER SEED.

Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. Lb., 75 cts., postpaid. By express or freight, at purchaser's expense, lb., 65 cts.; 5 lbs., \$3.15; 10 lbs., \$6.00; bushel (60 lbs.), \$34.25; 100 lbs., \$55.00.

#### DREER'S PERMANENT PASTURE GRASS.

This special mixture of grass and clover seed is composed of varieties best adapted for producing an abundant and nutritious food supply for stock, and will be found entirely satisfactory for permanent pasturage. If your fields are worn out, it will pay well to plough and seed them with this mixture of grasses and clovers, thus securing two crops a year, whereas with Timothy alone you cut but one crop. Sow 50 pounds to acre. In ordering, state whether for light or heavy soil. Price, per lb., 30 cts., postpaid. By express or freight, at purchaser's expense, bushel (20 lbs.), \$3.50; 100 lbs., \$16.00.

Quantity of Lawn Grass Seed to Sow. One quart is sufficient for 300 square feet; 5 bushels for an acre, or for renovating lawn use one-half these quantities.

Dreer's Booklet on Lawn Making is mailed free of charge to any who are interested. Tells how to make and care for the lawn. Write for a copy.



FARM SEEDS ARE SENT BY FREIGHT OR EXPRESS at customer's expense. We pack carefully and deliver to transportation company here, and always make shipment via best and quickest route.

PRICES ON ALL FARM SEEDS ARE SUBJECT TO MARKET CHANGES

#### YELLOW FIELD CORN.

Sow 8 quarts to the acre early in May.

Eureka Yellow Dent. (See cut.) This magnificent Early Yellow Dent Corn is a cross between the large Yellow Dent and Chester County Mammoth. It matures early and is safe to plant as far north as Trenton, N. J., and produces immense crops. The ears measure from 12 to 14 inches in length, and contain from 18 to 22 rows of beautiful yellow grains. This variety produced 80 bushels to the acre on the farm of the originator in New Jersey, and has made even larger yields. By express or freight, at purchaser's

expense, peck, 85 cts.; bu., \$2.50.

Pedrick Perfected Golden Beauty. A strain of Golden Beauty obtained by careful selection. In the preparation of this Corn for seed each ear is carefully selected and the end grains discarded. It is far superior to the original Golden Beauty. The ears contain from 10 to 14 rows of extremely large, broad grains, which are of a rich golden-yellow color, and the cob is very small; ears are well filled out, even to the extreme end. By express or freight, at purchaser's expense, peck, 75 cts.; bu., \$2.25.

Early Yellow Canada. A ninety-day Corn, used in this latitude for replanting. By express or freight, at purchaser's expense, peck, 85 cts.; bu., \$2.50.

Leaming Gourd Seed. A good early variety, deep yellow grains, small cob. purchaser's expense, peck, To cts.; bu., \$2.25.

Early 100=Day Bristol. The earliest of the large

Yellow Dent varieties; grain light yellow, large, broad and deep. By express or freight, at purchaser's expense, peck, 75 cts.; bu., 82.25.

Early Mastodon Dent. An early, strong-growing,

yellow Corn, with large ears and grain. By express or freight, at purchaser's expense, peck, 75 cts.; bu.,

Cloud's Yellow Dent. Strong and vigorous, producing large, handsome ears, with deep grains. express or freight, at purchaser's expense, peck, 75 cts.; bu., \$2.25.

#### WHITE FIELD CORN.

Hickory King. A prolific white variety; cob small, grains large and broad. By express or freight, at purchaser's expense, peck, 85 cts.; bu., \$2.50.

ENSILAGE CORN. (See page 47.)



# FIELD, FORAGE AND SILO SEEDS

Prices of all Farm Seeds are f.o.b. Philadelphia and are subject to market changes.

#### ENSILAGE CORN.

The custom of preserving Corn for winter feeding has become so general that nearly every dairy farm now has a silo. It is important, however, that suitable varieties be used, and we offer the following, all of which are well suited for the purpose.

Sow 11 to 11 bushels per acre. Special prices to buyers of large quantities.

Red-Cob Ensilage. A pure white Corn on a red cob. It is sweet, tender, juicy, has short joints and produces an abundance of foliage. Every dairy farmer should grow this sort; it will produce very large crops. By express or freight, at purchaser's expense, peck, 75 cts.; bu., \$2.25.

Blount's Prolific White. This variety bears 4 to 6 ears per stalk; grain plump and white. By express or freight, at purchaser's expense, peck, 75 cts.; bu., \$2.25.

Southern Fodder, Sheeptooth. Grows 12 to 16 feet high; has broad foliage and tender stalks. Will keep up the flow of milk during hot weather, when the grass it burnt up. Grains narrow and white. By express or freight, at purchaser's expense, peck, 75 cts.; bu., \$2.25.

Sweet-Fodder Corn. For soiling or ensilage, Sow broadcast 2 bushels, or in drills 3 feet apart, 1 bushel per acre. Write for price.

BARLEY.

Sow 1½ to 2 bushels if drilled; 2 to 2½ bushels broadcast.

Manshurey. A productive and reliable variety. The straw is stiff and strong, holding up well and bearing long heads, which are well filled with plump grains. It ripens early and is good for both feeding and malting. Write for price.

Beardless Barley. This variety is free from beards, making it easier to thresh than other kinds and safer to feed to stock. It is a strong, vigorous grower, making short, heavy straw and bearing well-filled heads. Write for price.

#### OATS.

Sold at standard weight of 32 lbs. to the bushel. Special prices to buyers of large quantities. Sow 23 bushels to the acre.

Storm King. (See cut.) Seed of this variety was originally imported, but has been grown for several years in this country by the party from whom we have secured our supply, and is now thoroughly acclimated. It makes a strong growth of to be one-sided. Grains are white, large and heavy, presenting a fine appearance. "Storm King" has made a yield of from 60 to 70 bushels per acre, and we recommend it to every farmer who desires a thoroughly reliable variety. By express or freight, at purchaser's expense, peck, 60 cts.; bu. (32 lbs.); \$1.85; 5 bu. or over, \$1.75 per bu.

White Tartar. A remarkably handsome and perfect white Oat, extremely early, in fact, the earliest variety in cultivation. It is a strong grower and produces heavy crops. The grains are large and plump, very handsome and grade up well. It will do well on any good farm land and prove very profitable to all who grow it. The straw is long, very strong, holds up well, and the heads are large and well filled. By express or freight, at purchaser's expense, peck, 50 cts.; bu. (32 lbs.), \$1.60; 5 bu. or over, \$1.50 per bu.

White Maine. This variety is largely grown in New York and elsewhere and yields large crops. By express or freight, at purchaser's expense, peck, 40 cts.; bu. (32 lbs.), \$1.30; 5 bu. or over, at \$1.25 per bu.

**Lincoln.** Very early; stiff straw, heavy grain. By express or freight, at purchaser's expense, peck, 40 cts.; bu. (32 lbs.), \$1.30; 5 bu. or over, at \$1.25 per bu.

Welcome. Productive and heavy; straw stiff, grain plump. By express or freight, at purchaser's expense, peck, 40 cts.; bu. (32 lbs.), \$1.30; 5 bu. or over, at \$1.25 per bu.



### HENRY A. DREER PHILADELPHIA PA RELIABLE FARM SEEDS.

### FIELD, FORAGE AND SILO SEEDS

Prices of all Farm Seeds are f. o. b. Philadelphia and subject to market changes.



#### MILLET.

German, or Golden Millet (Southern Grown). (See cut). A valuable annual hay and fodder crop, medium early, 4 to 5 feet high. Sow 1 bushel to the acre. Bushel (50 lbs.), write

Hungarian Millet (Panicum Germanicum). An annual forage plant, early and productive, growing 2 to 3 feet high, with an abundance of foliage. Sow 1 bushel to the acre. Bushel (48 lbs.), write for price.

Egyptian, or East India Pearl Millet (Penicillaria spicata). Grows from 8 to 10 feet high. For fodder, sow 5 pounds in drills 3 feet apart, thin out in rows to 1 foot apart. Lb., 30 cts., postpaid. By express or freight, at purchaser's expense, bushel (50 lbs.), \$5.00.

Japanense Barn=yard Millet (Panicum Crus-galli). An excellent fodder plant; grows 6 to 8 feet high, and is more tender than most tall varieties of Millet. Should be sown between middle of May and end of July, either broadcast or in drills; if broadcast, use 12 lbs. to acre; if drilled, 8 lbs. Can be fed green, cured as hay, or siloed. Lb., 25 cts., postpaid. By express or freight, at purchaser's expense, 10 lbs., 80 cts.; 100 lbs., \$7.00.

#### SUDAN GRASS.

A new forage plant which is valuable in the middle-west and may also be grown in the east. It is an annual, related to the sorghums and is valuable both for hay and silo. Grows from six to ten feet high, makes small leafy stems and is greatly relished by stock. Sow seed when ground has become warm, using 4 to 6 lbs. per acre, in drills 18 to 24 inches apart and cultivate like corn. Lb., 45 cts.; postpaid. By express or freight, at purchaser's expense, 10 lbs., \$3.00

#### BROOM CORN.

Improved Evergreen. This variety is extensively grown on account of the color and quality of its brush, which is long, fine, and straight, and always green; grows 7 feet high. Sow 10 pounds to the acre in good, deep dry soil. Lb., 30 cts., postpaid. By express or freight, at purchaser's expense, bushel (50 ibs.), \$3.50; 100 lbs., \$6.00.

#### BUCKWHEAT.

Sow bout the middle of June, broadcast, from 2 to 3 pecks

Japanese. Earlier, more prolific and yields double the weight per acre of other sorts. Grains are nearly twice as large as those of Silver Hull. By express cr freight, at purchaser's expense, peck, 50 cts.; bushel (48 lbs.), \$1.75.

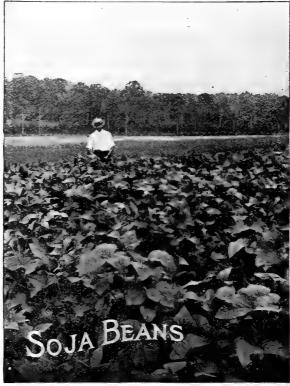
#### SOJA BEANS.

Ito San Soja Bean. Earlier than Hollybrook, but leaves not as large. Good for sections where the season is short. By express or freight, at purchaser's expense, peck, 95 cts.; bushel, \$3.50.

Holybrook Early Soja. A good variety for planting in Northern and Eastern States. Ripens early and produces an enormous crop of both vines and pods. By express or freight, at purchaser's expense, peck, 90 cts.; bushel, \$3.25.

Wilson Soja. An excellent variety for Middle and Eastern States. Grows 36 to 44 inches high, branches well, holds leaves and seeds do not shatter from pods after cutting. By express or freight, at purchaser's expense, peck, \$1.00; bushel, \$3.75.

Mammoth Yellow Soja Bean. Valuable as a forage crop and for silo purposes. Plant one-half bushel to the acre. By express or freight, at purchaser's expense, per peck, 80 cts.; per bushel, \$3.00.





### FIELD, FORAGE AND SILO SEEDS

Prices of all Farm Seeds are f. o. b. Philadelphia and subject to market changes.

#### PEAS FOR FODDER AND GREEN MANURING.

Canadian Field Peas. Valuable for Northern climates for cattle feeding and for green soiling. Used as feed for pigeons. Sow 1½ bushels per acre with ½ bushel oats. By express or freight, at purchaser's expense, peck, 80 cts.; bushel, \$3.00.

Southern Black=Eye Cow Peas. Also known as Sand Pea, a small white variety with black eye. Sow two bushels to the acre. By express or freight, at purchaser's expense, peck, 90 cts.; bushel, \$3.50.

New Era Cow Peas. Extra early, and one of the most valuable for planting in the North and West. By express or freight, at purchaser's expense, peck, 80 cts.; bushel, \$3.00.

Whip-poor-will Cow Peas. An early variety; grows upright and vigorous; crop is easy to harvest. By express or freight, at purchaser's expense, peck, 80 cts.; bushel, \$3.00.

Clay Cow Peas. A valuable sort both for green manure, forage and hay crop. Sow 2 bushels to acre. By express or freight, at purchaser's expense, peck, 80 cts.; By express or bushel, \$3.00.

#### SUNFLOWER.

Mammoth Russian. May be grown to great advantage in waste ground. An excellent and cheap food for fowls. All farmers should plant this, if only for feeding chickens. It is enormously productive of seed, as the heads sometimes measure 18 inches in diameter. Plant 4 quarts to acre. "Lb., 20 cts., postpaid. By express or freight, at purchaser's expense, peck, 60 cts.; bushel (25 lb)., \$2.00; 100 lbs., \$7.00

#### VETCHES.

Spring Vetches, or Tares (Vicia Sativa.) Highly valuable for soiling or for green manuring. Sometimes grown with oats, for mowing and feeding to stock. Use 2 to 3 bushels to acre, broadcast, or 1 to 2 bushels in drills. Lb., 25 cts., postpaid; bu. of 60 lbs., write for price.

Winter Vetches, or Tares (Vicia Villosa). Also called Sand Vetch, or Hairy Vetch. Recommended for fall sowing with Rye, which serves as a support. It is perfectly hardy in all parts of the country, remaining green all winter and maturing fully four weeks earlier than Scarlet Clover; it can, therefore, be harvested or ploughed under, and the ground used for the usual spring crop. Sow I bushel of the seed per acre, with one bushel of rye. Price per lb., 30 cts., postpaid; bu. (60 lbs.), write for price and special leaflet.



#### SPRING WHEAT.

Saskatchewan Fife. By express or freight at purchaser's expense, peck, 85 cts.; bushel (60 lbs.), \$3.00.

#### SPRING RYE

Used as a catch crop to sow where winter grain has failed. By express or freight at purchaser's expense, peck, 60 cts.; bushel (56 lbs.), \$2.00.

#### MISCELLANEOUS FARM SEEDS.

Dwarf Essex Rape. A forage plant of highest value. 1t can be sown in April for an early crop, and for fall crop in July, August and September, and still later further It is sown broadcast, 6 lbs. to the acre, but is better drilled, in which case 3 lbs. to the acre will suffice. In a few weeks from the time of sowing, sheep, hogs or cattle can be turned on it. By express or freight, at purchaser's expense, 10 lbs., \$1 20; bushel of 50 lbs., \$5.00; 100 lbs., \$9.00.

Yellow Milo Maze. May be cut several times for green forage, is very nutritious, and can be used for ensilage, or cured like sorghum. Use 4 to 5 pounds to acre. By express or freight, at purchaser's expense, 10 lbs., 70 cts.; 100 lbs., \$6.00.

Kaffir Corn (Red). Excellent forage for horses and cattle. Use 4 to 5 lbs. per acre. By express or freight, at purchaser's expense, 10 lbs., 70 cts.; 100 lbs., \$6.00.

Yellow Lupin (Lupinus Luteus). Botanically related to Peas, but less hardy. Sow May to July, 2 to 3 bushels to acre. Useful for green manuring. By express or freight, at purchaser's expense, 10 lbs., 90 cts.; 100 lbs., \$8.00.

Sorghum, or Early Amber Sugar-cane. The earliest and most productive variety. Height, 10 to 12 feet. Sow 5 lbs. in drills, or 12 bushels broadcast to acre. By express or freight, at purchaser's expense, 10 lbs., 60 cts.; 100 lbs., \$5.00.

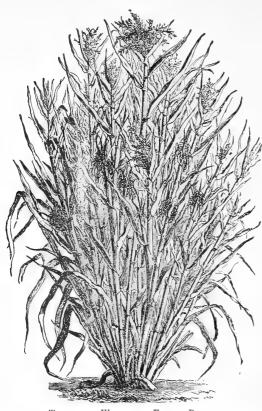
Johnson Grass, or Sorghum Halepense. A Southern fodder plant, growing 30 inches or more in height. Per lb., 35 cts., postpaid. By express or freight, at purchaser's expense, 10 lbs., \$1.30; 100 lbs., \$12.00.

Speltz, or Emmer. A combination of wheat, oats and barley. Excellent for fattening cattle, poultry, horses, sheep, pigs, etc. Sow 70 to 80 pounds per acre. By express or freight, at purchaser's expense, peck, 70 cts.; bushel (40 lbs.), \$2.50.



KAFFIR CORN

### FIELD, FORAGE AND BIRD SEEDS



TROSINTE, A WONDERFUL FODDER PLANT

Prices of all Farm Seeds are f. o. b. Philadelphia and subject to market changes.

Teosinte (Reana Luxurians). (See cut.) Excellent for stock feeding, either green during summer or dry during winter. More nutritious and better liked than corn fodder by stock of all kinds. Grows well in this latitude, supplying an immense amount of fodder. Sow in May or June, in drills about 4 feet apart, 3 pounds of seed per acre. Per oz., 10 cts.; ½ lb., 25 cts.; lb., 85 cts. postpaid. By express or freight, at purchaser's expense, 5 lbs. or over, 70 cts. per

Velvet Bean (Dolichos Multiflorus). Largely grown in the South for turning under. Vines and pods are eaten by live stock, and beans can be ground either with or without pods, and fed instead of corn, or oats, or can be mixed with them. By express or freight, at purchaser's expense, peck, \$1.25; per bu., \$4.50.

#### BIRD SEEDS.

Our bird seeds are carefully selected and re-cleaned. Prices subject to market changes. All Bird Seeds are sent by express or freight, at purchaser's expense.

Canary. Best re-cleaned seed, 4 qts., 80 cts.; peck, \$1.50; bu. (60 lbs.), \$5.00.

Hemp. 4 qts., 35 cts.; peck, 65 cts.; bu. (40 lbs.), \$2.50.

French Bird Millet. 4 qts., 70 cts.; peck, \$1.25.

German Rape. 4 qts., 70 cts.; peck, \$1.25; bu. (50 lbs), \$4.25. Lettuce. Oz., 5 cts.; lb., 30 cts.

Mixed Bird Seed. 4 qts.. 80 cts.; peck, \$1.50; bu. (60 lbs.), \$5.00. Maw. Lb., 30 cts.

Unhulled Rice. 4 qts, 60 cts.; peck, \$1.00.

Sunflower. 4 qts., 35 cts.; peck, 60 cts.; bu. (25 lbs.), \$2,00.

### Inoculating Cultures for Leguminous Crops

NITROGEN GATHERING BACTERIA

Alfalfa, Crimson Clover, Sweet Clover, Red Clover, White Clover, Alsike Clover, Cow Peas, Soy Beans, Velvet Beans, Lima Beans, Garden Beans, Garden Peas, Canada Field Peas, Peanuts, Vetches, Sweet Peas, and all other pod-growing plants called legumes, enrich the soil through the action of small bacteria, growing upon their roots. These bacteria live only upon the roots of legumes, and by an action of their bodies extract the free nitrogen of the air, and deposit around themselves as nitrates, thus forming little sacks or nodules on the roots of the growing plants. These sacks furnish the growing plant with all the nitrates it requires, and still leaves large amounts unused in the soil ready for future crops or other crops growing at the same time with the legumes. Quoting from bulletin issued by the Dept. of Agriculture in January, 1908, "It is useless to attempt to grow any leguminous crop without being certain of the presence of bacteria which enables the plants to fix free nitrogen.'

The method of transfer of soil for inoculation is both costly and dangerous—weed seed, soil and plant diseases are transferred in this way. All inoculations should be done by means of the pure cultures of nitrogen-gathering bacteria, which are free from con-

tamination and contain only active bacteria of the proper kind.

#### FARMOGERM.

Farmogerm is a pure culture, or growth of nitrogen-fixing bacteria that have been selected and bred up to transform large amounts of nitrogen from the air into soluble nitrates. bacteria are grown in a jelly or food, in which they remain active for long periods of time, and sent out in a bottle which admits the necessary supply of pure air, yet keeps out destructive contamination.

#### MULFORD CULTURES.

The Mulford Cultures contain pure, tested strains of active, vigorous nitrogen fixing bacteria, and are used for inoculating seeds of the various legumes used for maintaining soil fertility and re-juvinating over-cropped and worn out fields, adding both humus and nitrogen to the soil. Prepared and tested by experts at the Biological Laboratories of H. K. Mulford Co., with the same care as the Mulford Anti-Toxins, Serums, Vaccines, etc., which are standards all over the world.

We can furnish combination cultures for various Legumes, but recommend the use of those prepared especially for the crop to be planted and therefore request that purchasers kindly state on order what kind of seed the culture is to be used on, so that we can send the proper material.

#### PRICES FOR FARMOGERM.

#### Garden Size, enough for about 1 acre .....\$0 50

#### Prices For Mulford Cultures.

0	Garden Size, enough for about ½ acre	50
0	1—Acre Size	50
0	5—Acre Size 5	00

Booklets and Circulars giving full information and directions for the use of above cultures, mailed free on application.



A BORDER OF PINK GERANIUMS EDGED WITH SWEET ALYSSUM

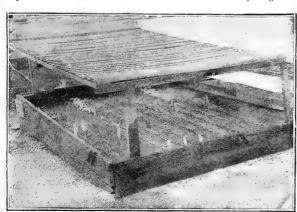
We give close attention to this department, which is probably the largest in quantity and variety in this country, nearly one thousand species and varieties being offered.

Our Flower Seeds have a world-wide reputation, and we grow and save on our own grounds at Riverton more varieties than any other American Seedsman. Our constant aim is to secure the very best strains obtainable, both of home and foreign growth, and we spare no pains or expense with this object in view. Our strains of Asters, Carnations, Pansy, Petunia, Verbena, Zinnia, etc., are grown by the leading private gardeners and commercial florists and are acknowledged to be superior in all respects.

#### Success with Flower Seeds

We are convinced that many of the failures with flower seeds are due to lack of proper conditions; and while it would be impossible in the space at our disposal in this catalogue to give explicit directions for each and every variety which we offer (but which is given on each packet of flower seeds we sell), we feel sure that if the general directions given on this and the following page are followed success will be the rule. These directions, we may say, are written for the latitude of Philadelphia. Customers living in other sections can readily adapt them to their localities.

For all flower seeds which should be started indoors, and this includes many of our best and brightest summer flowers, such as Heliotrope, Celosia, Lobelia, Salvia, Vinca, Verbenas, etc., the best plan is to sow in earthenware seed pans, or boxes (about 2 inches deep), which should be filled to the depth of an inch with broken pots, coal ashes, or any rough material that will furnish perfect drainage. The upper inch should be nicely sifted soil, composed, if possible, of about one-third each sand, leaf mould and light garden loam. Press firmly and evenly, and water thoroughly the day before sowing. Sow the seeds thinly over the surface, cover about one-eighth of an inch and pressing firmly; cover with a pane of glass or one or two thicknesses of newspaper, to prevent the too rapid evaporation of the moisture, and keep in a temperature between 60° and 70°. Water carefully as needed. The importance of uniform attention to this detail is one that can only be learned by experience and observation. To omit a single watering, or too frequent, indiscriminate watering, usually leads to failure. Remove the glass, or covering after the seeds have germinated, and when the seedlings are large enough to handle they should be transplanted into similarly prepared boxes an inch apart each way, or put into small pots and kept in same until time to plant out in the open ground. At all times they should have an abundance of air; otherwise the young seedlings are liable to "damp off."



A COLD FRAME WITH LATH SHADE, A GOOD PLACE TO GERMINATE
Flower Seeds in During the Summer

For most of the ordinary annual flowers, such as Sweet Alyssum, Calliopsis, Calendula. Marigold, Mignonette, Nasturtium, etc., the simplest method is to sow directly out of doors when danger of frost is past in the space where they are intended to flower. The ground should be dug and raked fine on the surface, sowing the seeds evenly and thinly, either in lines or beds, covering not over four times their size, and firming the soil over them. Should they come up too thickly, as most of them are likely to do, thin out so that the plants will stand from 4 to 12 inches apart according to the variety. This plan is also adapted to many varieties usually started indoors, including Asters, Verbenas. Celosias, Stocks, Salvia, etc., etc.; but as a rule their germination is more certain under glass, and as they begin to flower so much earlier when started indoors, the extra trouble is well repaid for by their increased blooming period.

We commend to the careful attention of our customers the articles on the next page on

How to Grow Annuals, by Prof. L. H. Bailey, of Cornell University.

How to Grow Perennials from Seed, written expressly for this book by Wm. Falconer, of Pittsburgh,

The following is an extract from an article which appeared in Country Life in America some years ago.

Annual plants are those that you must sow every year. The staid perennials I want for the main and permanent effects in my garden, but I could no more do without annuals than I could do without the spices and the condiments at the table.

Of the kinds of annuals there is almost no end. This does not mean that all are equally good. For myself I like to make the bold effects with a few of the old profuse and reliable kinds. I like whole masses and clouds of them. Then the other kinds I like to grow in smaller areas at one side, in a half experimental way. There is no need of trying to grow equal quantities of all.

For the main and bold effects I want something that I can depend on. There I do not want to experiment. Never fill a conspicuous place with a kind of plant you have never grown.

The kinds I like best are the ones easiest to grow. Zinnia, Petunia, Marigold, Four O'Clock, Sunflower, Phlox, Scabiosa, Sweet Sultan, Bachelor's Button, Verbena, Calendula, Calliopsis, Morning-glory, Nasturtium, Sweet Pea,—these are some of the kinds that are surest. I do not know where the investment of five cents will bring as great reward as in a packet of seeds of any of these plants.

Make the soil rich and fine and soft and deep, just as you would for radishes or onions. There are some plants for which the soil can be made too rich, of course, but most persons do not err in this direction. The finer and more broken down the manure the better. Spade it in. Mix it thoroughly with the soil. If the soil is clay-like, see that fine manure is thoroughly mixed with the surface layer to prevent "baking."

First and last, I have grown practically every annual offered in the American trade. It is surprising how few of the uncommon or little-known sorts really have great merit for general purposes. There is nothing yet to take the place of the old-time groups, such as Amaranths, Zinnias, Calendulas, Daturas, Balsams, Annual Pinks, Candytufts, Bachelor's Buttons, Wallflower, Larkspurs, Petunias, Gaillardias, Snapdragons, Cockscombs, Lobelias, Coreopsis or Calliopsis, California Poppies,

Four O'Clock, Sweet Sultans, Phloxes, Mignonettes, Scabiosas, Nasturtiums, Marigolds, China Asters, Salpiglossis, Nicotianas, Pansies, Portulacas, Castor Beans, Poppies, Sunflowers, Verbenas, Stocks, Alyssums, and such good old running plants as Scarlet Runners, Sweet Peas, Convolvuluses, Ipomeas, Nasturtiums, Balloon Vines, Cobæas, etc.

For bold mass-displays of color in the rear parts of the grounds or along the borders, some of the coarser species are desirable. My own favorites for such use are: Sunflower and Castor Bean for the back rows; Zinnias for bright effects in the scarlets and lilacs; African Marigolds for brilliant yellows; Nicotianas for whites; Larkspurs for blues.

For lower-growing and less gross mass-displays, the following are good: California Poppies for oranges and yellows; Sweet Sultans for purples, whites and pale yellows; Petunias for purples, violets and whites; Bachelor's Buttons (or Cornflowers) for Blues; Calliopsis and Coreopsis and Calendulas for yellows; Gaillardias for red-yellows; China Asters for many colors.

For still less robustness good mass-displays can be made with the following: Alyssums and Candytufts for whites; Phloxes for whites and various pinks and reds; Lobelias and Browallias for blues; Pinks for whites and various shades of pink; Stocks for whites and reds; Wallflowers for brown-yellows; Verbenas for many colors.

If flowers of any annual are wanted extra early, the seeds should be started indoors.

A number of the very late-flowering annuals should also be started indoors for [best success in the northern States, as, for example, the Moonflowers and the tall-growing kinds of Cosmos.

Of late years there has been a strong movement to introduce the hardy perennials into general cultivation. This is certainly to be encouraged everywhere, since it adds a feeling of permanancy and purposefulness that is needed in American gardens. Yet I should be sorry if this movement were to obscure the importance of the annuals.

### Raising Hardy Perennials from Seed

Written expressly for this book by Mr. Wm. Falconer, of Pittsburgh.

Hardy perennials are easily grown from seed. In many cases they are a little slower than annuals, but with intelligent care they are successfully raised and from seed is an excellent way to get up a big stock of perennials in a short time. Many perennials, if sown in spring, bloom the first year from seed as freely as annuals. Others wait a year; that is, if sown this year they don't bloom until next year.

The seeds may be sown in spring or in summer. In spring the sowings may be made in the window, the hot bed, the cold frame, the greenhouse or in the open ground out of doors. In the window prepare pots or flower-pans or small, shallow wooden boxes or flats; fill to one-third their depth with fine broken cinders or broken pots, and over this place a thin layer of moss, chopped straw or rough siftings from the soil to keep the dirt from clogging the drainage; then fill up to within onehalf or three-quarters inches of the brim with fine, free, mellow soil, with thin layer of very fine soil over it. Tamp the pot on table to firm the soil a little. Now sow the seed evenly, and shake a very little fine soil over it; press it all over with the back of the hand or a board, then water gently through a fine spray or rose; this done strew a little fine earth over all. In the case of very fine seeds covering only enough to hide the seed is plenty, but Pinks, Gaillardias and other rougher seeded sorts one-eighth inch deep of covering may be given. Keep the seed pots in a warm, sunny window, but shaded with a thin curtain from drying sunshine. A sheet of paper laid over the pot at this time prevents over-drying, but when the sunshine passes, take off the paper, else damp or mold will set in. A pane of glass laid over the pots or flats until germination appears is an excellent preservative of the moisture in the soil, but always tilt it up at one side one-eighth of an inch or more. When the seedlings come up, give them more light by keeping them close to the glass, and before they overcrowd one another or become spindly transplant them into other pots or flats, three-quarters or one inch apart from one another, according to their size and strength. As the weather gets mild, by placing the seedlings in a cool and airier place, as on the porch or a sheltered place out of doors, they become fairly inured to the open weather, and when they are large enough for final transplanting set them out in the garden.

The amateur may have more success and less bother growing hardy perennials from seeds sown in the open ground than in any other way. Prepare a bed in a nice, warm, sheltered spot in the garden, preferably not very sunny; let the surface of the bed be raised four or five inches above the general level, and the soil be a mellow, free, fine earth on the surface. Draw shallow rows across the surface of the bed, three to four inches apart, and here sow the seed, keeping the varieties of one kind or nature as much together as practicable; cover the seeds thinly, press the whole surface gently, water moderately, then dust a little fine, loose soil over all. If the weather is sunny or windy, shade with papers or a few branches, but remove these in the evening. When the seedlings come up thin them out to stiffen those that are left, and when they are two or three inches high, they are fit for transplanting into permanent quarters. All this should be done in early spring, say March, April or May, or in warmer localities a month earlier.

Again, in July or August perennials are very easily raised out of doors, and much in the same way as above. Transplant these seedlings in late August or early September to get well-rooted stocky plants before winter sets in.

### NOVELTIES AND SPECIALTIES IN

# Flower Seeds for 1916

The majority of the Flower Seed Novelties and Specialties offered on this and the following nine pages have been thoroughly tested in our trial grounds. Some few sorts are European Novelties, received from most reliable growers, and the descriptions are those of the introducers.

For General List of Flower Seeds see pages 63 to 118.

#### Dreer's Superb Antirrhinums, or Snapdragons

Within the past few years Snapdragons have become immensely popular. This is not to be wondered at, as whether used for cutting or for show in the garden, they are one of the most valuable flowers which can readily be grown from seed. Seed sown out of doors the first week of May will bloom early in July, remaining in full flower until November. For earlier flowering they may be started indoors or in a frame in March, transplanting them to the open when the weather is suitable.

#### DREER'S GIANT SNAPDRAGONS.

"This strain is a great improvement over the old tall-growing variety, being of stronger habit and producing longer spikes and much larger individual flowers; grows about 3 feet high and exceedingly valuable for cutting.

			PER PKT
1171	Giant	Scarlet 10   1174 Giant Garnet	10
		White 10   1175 " Pink	
1173	6.6	Yellow	10
1179	Collec	tion of a packet each of the above 6 colors	50
1180	Giant	Mixed. A splendid mixture, containing all the colors. \(\frac{1}{4}\) oz., 25	cts. 10

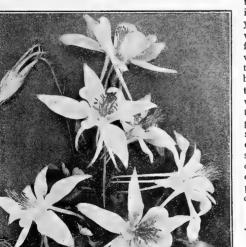
#### Dreer's Large-flowering Half-Dwarf Snapdragons.

This type has spikes and flowers of good size, and, owing to their dwarf and compact habit of growth, are better adapted for bedding purposes. They grow about 18 inches high, and the mass of bloom which they produce from early until late in the season is really phenomenal.

	PER PKT.				PER PKT.
	Soft blush-pink 10				
	Orange or russet-red. 10				
	ueen. Rich, pure yellow 10				
	n of a packet each of above				
1170 Half-dwa	arf Mixed. Large range	of many	beautiful color	s. $\frac{1}{4}$ oz., 2	5 cts 10

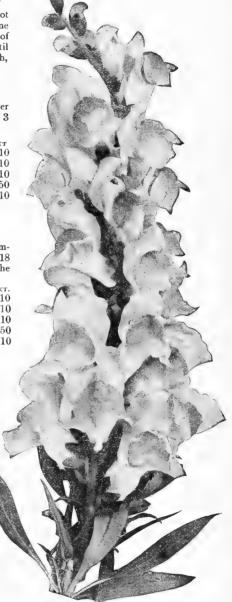
#### ARGEMONE (Mexican or Prickly Poppy).

1220 **Hybrida Grandiflora.** While not new this is seldom offered. The plants form sturdy bushes about 3 feet high, with very ornamental pale-green, spiny foliage, with clear, silvery midrib and veins and poppy-like flowers of satiny



VEITCH'S LONG-SPURRED HYBRID AQUILEGIA

texture, over 3 inches across, in various shades from rich yellow to creamy white. It blooms from early in July without interrup-tion till November. It is best to sow the seed where they are intended to bloom as soon as the ground is warm, and should have a sunny location, and prefers light soil. A very pretty and ornamental plant in or out of bloom. 15 cts. per pkt.; 2 pkts. for 25



SPIKE OF LARGE-FLOWERING HALF-DWARF SNAPDRAGONS

#### VEITCH'S LONG-SPURRED HYBRID AQUILEGIAS, OR COLUMBINES.

1206 This beautiful strain of Columbines comprises new and pleasing shades and combinations, effective and striking in the individual flowers, ranging through all the shades of lavender, blue, mauve, white, yellow, orange, scarlet and bright rose-pink. The plants are perfectly hardy, vigorous and stately in growth, produce abundantly large and elegantly shaped flowers with long spurs, borne well above the pale glaucous green foliage. 15 cts. per pkt.; 2 pkts., 25 cts.

#### DREER'S TWELVE "INCOMPARABLE"

### Orchid-flowered, or Spencer Sweet Peas

Of the hundreds of Orchid-flowered or Spencer Sweet Peas introduced in the last few years, we offer this season forty-five of what we consider the very choicest and most distinct varieties, and while we fully recommend all of the varieties described and offered on page 113, as well as the newer kinds on this page, yet, most of our customers only wish a limited number of sorts, but want these to be the very best, and it is with this in mind that we offer the Twelve Incomparable sorts shown in colors on the plate opposite 4086 Countess Spencer. (No. 1 on Plate.) The original of the Orchid-flowered type and still one of the best. (No. 2 on Plate.) The finest bicolor variety to date. Standards rose-pink, wings blush-

Color is a lively rose-pink, shading deeper at the edges. 10 cts. per pkt.; 25 cts. per oz.; 75 cts. per  $\frac{1}{4}$  lb.

4095 Dobbie's Cream. (No. 2 on Plate.) The finest primrose-yellow yet introduced; splendid in every way. 10 cts. per pkt.; 30 cts. per oz.; \$1.00 per 4 lb.

4097 Elfrida Pearson. (No. 3 on Plate.) This is by far the largest and finest light pink variety. Flowers of enormous size and very wavy. 10 cts. per pkt.; 30 cts. per oz.; \$1.00 per \(\frac{1}{4}\) lb.

4106 Florence Nightingale. (No. 4 on Plate.) Nothing yet introduced in lavender Sweet Peas excels this beautiful sort. 10 cts. per pkt.; 30 cts. per oz.; \$1.00 per \( \frac{1}{4} \) lb.

4154 King White. (No. 5 on Plate.) The largest, finest and purest white variety; white seeded. 15 cts. per pkt.; 50 cts. per oz.; \$1.50 per \( \frac{1}{4} \) lb.

4172 Margaret Atlee. (No. 6 on Plate.) The leading experts are unanimous in declaring this to be the finest rich pink Sweet Pea. The "Spencer Supreme." 15 cts. per pkt.; 50 cts. per oz.; \$1.50 per \(\frac{1}{4}\) lb.

white, of huge size and very wavy. 10 cts. per pkt.; 25 cts. per oz.; 75 cts. per 1 lb.

4185 Mrs. Hugh Dickson. (No. 8 on Plate.) A charming tone of salmony-pink on a cream ground, producing a soft sea-shell pink that is truly exquisite. 10 cts. per pkt.; 25

cts. per oz.; 75 cts. per ½ lb.

4223 Royal Purple. (No. 9 on Plate.) The rich royal color of this beautiful variety attracted great attention at the Show of the National Sweet Pea Society last summer.

15 cts. per pkt.; \$1.00 per oz.
4231 Scarlet Emperor. (No. 10 on Plate.) A most brilliant rich, deep scarlet of largest size and beautifully waved; extra fine. 10 cts. per pkt.; 30 cts. per oz.; \$1.00 per  $\frac{1}{4}$  lb.

4236 Thomas Stevenson. (No. 11 on Plate.) The brilliancy of the orange-scarlet of this variety make it the most striking color of all. 10 cts. per pkt.; 25 cts. per oz.; 75 cts. per 1 lb.

4241 Wedgwood. (No. 12 on Plate.) Very appropriately named, being a beautiful Wedgwood or silvery blue. 15 cts. per pkt.; 50 cts. per oz.; \$1.00 per 1/4 lb.

4238 Collection of a packet each of the 12 Incomparable sorts, \$1.00. 4237 Collection of 1 ounce each of the 12 Incomparable sorts, \$4.00.

#### TWELVE SUPERB NEW ORCHID-FLOWERED SWEET PEAS

While some of the sorts offered below were in commerce last year, the stocks have been carefully reselected, so that the quality is higher than before, and the crop having been fair, we are able to put more seeds in the packets, giving our customers a better chance to thoroughly test them. We consider these the finest collection of newer sorts ever brought together.

4061 Agricola. Extra large, very wavy flowers of a light lilac or lavender-pink, a color that lights up beautifully

under artificial light. 10 cts. per pkt.
4084 Constance Hinton. The most important introduction in years, of strong, vigorous growth, with enormous wavy white flowers, frequently  $2\frac{1}{2}$  inches across, which are borne on sprays of fours, and often fives, on long, strong stems. This variety is black seeded, which means that it is easy to germinate, and without doubt will supercede many of the other white sorts. 15 cts. per pkt.

4093 Decorator. Striking and distinct in coloring, which is a rich rose overlaid with terra cotta, intensifying to deep orange at the base of the wings. The flowers, of large size, are of true Spencer waved form. 10 cts. per pkt.

4101 Empress Eugenie. White ground watered with lavenderblue, color effectsoft lavender. Flowers of large size, beautifully waved, and very free-flowering. 10 cts. per pkt.

4104 Fiery Cross. This sensational novelty was exhibited last year and was received with great favor by the experts, and is now offered to the public for the first time. The flowers are of good size and beautifully waved, but its greatest merit is its color, which is a brilliant fiery-scarlet, and its well deserved name is truly descriptive. Packet of 10 seeds, 25 cts.; 5 pkts. for \$1.00.

4136 Illuminator. A rich and charming new color, produced by a ground color of salmony-orange overlaid with bright cerise-pink, the effect being a glowing orangescarlet; flowers uniformly large. 10 cts. per pkt.

4155 King Manoel. A giant wavy-flowered lustrous maroon or deep chocolate color, a handsome, rich colored variety. 10 cts. per pkt.

4171 Margaret Madison Improved. A large and perfect waved Spencer, which, on opening, is a delicate azureblue, developing to a clear light lavender. This is a great improvement on the variety Margaret Madison, sent out in 1912. 10 cts. per pkt.

4178 Mrs. R. Hallam. An exquisite tone of salmony rose-pink, which, together with the nicely waved flowers, makes this one of the most charming varieties yet introduced. 10 cts. per pkt.

4191 Orchid. This grand variety is one of the freest blooming of the newer Sweet Peas. In color a rich, deep lavender, slightly suffused with pink, similar in tint to the color tones found in the Cattleya Orchids. A beauty in every way. 10 cts. per pkt.

4221 Robert Sydenham. This grand and novel variety is considered the most distinct new color introduced in Sweet Peas to date, being a glowing orange throughout and the nearest approach to a real yellow yet seen; a good strong grower with flowers of characteristic Spencer size and form. 15 cts. per pkt.

4244 **Zephyr.** A very pretty azure-blue variety that makes an attractive bunch; flowers not of the largest size, but nicely waved; a free grower and abundant bloomer. 10 cts. per pkt.

4268 Collection of a packet each of the 12 superb new Sweet Peas, \$1.00.

#### DREER'S "TWELVE FINEST" GRANDIFLORA SWEET PEAS.

This collection is made up of the choicest grandiflora kinds—varieties that have the endorsement of the leading specialists, and which combine in the highest degree all the qualities which go to make up first-class varieties. 4159 Lady Grisel Hamilton. A grand pale lavender.

- 4070 Black Knight. Intense deep maroon, shaded black. 4073 Blanche Ferry.
- The popular pink and white. 4091 Dorothy Eckford. Magnificent pure white.
- 4133 Hon. Mrs. E. Kenyon. The finest primrose-yellow.
- 4138 Janet Scott. A grand, deep, rich pink.
- 4152 King Edward VII. The finest crimson-scarlet.
- 4167 Lord Nelson. The richest deep navy-blue, 4173 Miss Willmott. Brilliant orange-pink; very rich.
  - 4179 Mrs. Walter Wright. An exquite shade of mauve.
  - 4201 Prima Donna. A magnificent pure pink. 4212 Queen Alexandra. Bright geranium-red.

  - Price. Any of the above, 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per ½ lb. acket each of the above, 40 cts. | 4248 Collection of one ounce each of the above, \$1.25





## SIX FAMOUS AMERICAN ASTERS

While we offer this season on pages 67 to 70 over fifty distinct varieties and colors of American Asters, all of which have been grown under our personal supervision and which cannot be excelled for quality, we have again selected the following six sorts to offer as a collection, which embraces several distinct types and colors, which we feel sure will, on account of their free growth, profuse flowering, large size and general excellence, give entire satisfaction to the most critical growers of this popular flower.

1281 Crego's Giant White. We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers 5 inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type. The form of the flower is well shown in the illustration on this page.

1282 Crego's Giant Pink. Identical in every way to the white offered and described above, except in color, which is a beautiful soft shell-pink.

1305 **Dreer's Crimson Giant.** A latebranching variety of upright growth with extra large, densely double flowers of rich blood-crimson; makes a brilliant bed or border and is splendid for cutting.

1437 Rose King. A very distinct and desirable sort, with large, handsome double-quilled flowers of a brilliant rose color. A great favorite for cutting with commercial florists, lasting in perfect condition for a long time.

1393 Dreer's Peerless Pink. This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust, free-branching habit, 24 to 30 inches high, bearing their magnificent blooms on strong stems averaging 18 inches in length, and it is hard to find a flower under 4 inches across, and many measure 5 inches by 2½ in depth, forming an almost globular flower. The color is a rich shell-pink and comes into bloom about the middle of August, being at its best during the early part of September, and continuing in good condition well into October. Illustrated on page 69.

page 69.

1482 Violet King. Similar in habit and time of flowering to our superb late-branching sorts, and of the same strong, free-branching growth, with very double, slightly quilled flowers of a pleasing soft shade of violet.

Price. Any of the above, 15 cts. per pkt.; 2 pkts. for 25 cts. 1338 Collection of a packet each of the Six Famous American Asters, 65 cts.



CREGO'S GIANT ASTER

### Dreer's Superb Late-Branching Asters

(Illustrated on plate opposite.)

This superb strain, of American origin and especially adapted to our climatic conditions, has long been one of our leading specialties, extraordinary care being given each season to the selection of the very finest specimens for stock seed, resulting in a strain that is acknowledged by the leading growers as unsurpassed.

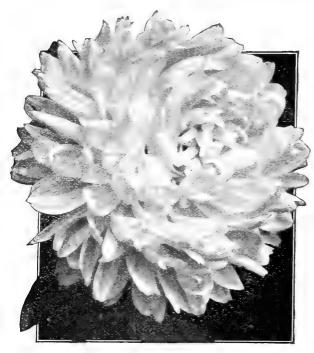
The plants form strong, branching bushes, 2 to  $2\frac{1}{2}$  feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, averages 5 inches across. The form of the flowers, which is nicely shown on the plate opposite, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September and October, and filling in the gap between the general run of Asters and Chrysanthemums, and if only one variety of Asters are wanted, we recommend this type as the most likely to give the greatest satisfaction. We offer eight beautiful and distinct colors as under:

PER 1/4 OZ.	PER PKT.	PER 1/4 OZ.	PER PKT.
1451 Azure-blue. A deep rich lavender60		1456 Deep Purple. A rich, royal shade60	10
1452 Deep Crimson. Rich and glowing60	10	1457 Rose=Pink. A lovely shade	10
1453 Deep Rose. Distinct and fine	10	1461 Shell=Pink. Soft and dainty 60	10
1455 Pale Lavender. Exquisite grayish-blue60	10	1467 Pure White. Perfect in its purity60	10

1469 Collection containing a packet each of the above 8 colors, 60 cts.

1470 Finest Mixed. All the colors mixed. 10 cts. per pkt.; 50 cts. per  $\frac{1}{4}$  oz.

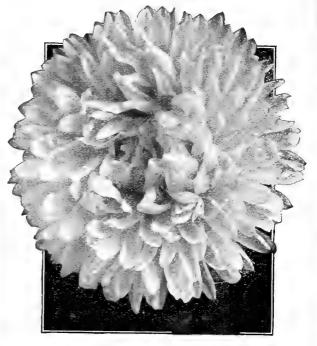






#### ENCHANTRESS ASTER.

1348 A very desirable mid-season sort of upright, bushy habit about 18 inches high and bearing large, very double almost globular wide petalled flowers of the soft delicate pink color peculiar to the popular Enchantress Carnation. 15 cts. per pkt.; 2 pkts. 25 cts.



ENCHANTRESS ASTER

#### ROVAL ASTERS.

A recently developed type that might briefly be described as an early flowering form of our Superb Late Branching variety, having all the good qualities of the latter, but coming into bloom in July or early August, and lasting in perfect condition for a

long time. The habit of the plants and their free-flowering make them very desirable for beds or borders, while their long-stemmed flowers are ideal for cutting. We offer six beautiful and distinct



SENSATION

1415 Rose=Pink. Very pretty, shaded white at centre. ..... 15 1419 Collection of a packet each of the six 

#### NEW RED ASTER

"SENSATION."

1442 This is the reddest of all Red Asters, the color being a rich garnet or ox blood red which glistens in the sunshine like a live coal. The plants are of free-branching habit, about 18 inches high; the very double flowers, averaging 3½ inches across, are borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut; and makes a very brilliant bit of color in a bed or border. 15 cts. per pkt.; 2 pkts., 25 cts.

#### ASTERMUM ASTERS.

A strain of Comet Asters which, on account of their size and Chrysanthemum-like appearance, have appropriately been named Astermums. The plants grow about 2 feet high, and come into bloom a little earlier than the Crego's Giant. We offer three fine colors, as under:

1261 Lavender. A rich shade of lavender or light violet.

1262 Pink. A very attractive shade of lively rose-pink. 1263 White. Purest snow-white.

Price. 15 cts. per pkt.; a packet of each color for 35 cts.

### THE CARDINAL CLIMBER

2158 This glorious and absolutely distinct New Annual Climber originated with Mr. Logan Sloter, of Ohio, as the result of a cross between *Ipomæa Quamoclit*, the Cypress Vine, and *Ipomæa Coccinea*, the Star Glory, and was named and introduced by us exclusively in 1912.

We consider it the most beautiful and brilliant annual climber ever sent out. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful, fern-like, laciniated foliage, and literally covered with a blaze of circular fiery cardinal-red flowers from mid-summer till frost. The flowers are about 1½ inches in diameter, and are borne in clusters of 5 to 7 blossoms each, and wherever it has been grown during the past four seasons has attracted more attention and favorable comment than any other plant in the garden. Like other Ipomeeas, it delights in a warm, sunny situation and good soil. The seed may be started indoors in March or April in a temperature of not less than 70 degrees and the plants set out when the weather gets warm, but it is just as well to wait until the weather gets warm and settled and then sow out of doors. In either case germination will be hastened and also made more certain by filing or cutting a small notch in each seed. They are likely to germinate poorly unless this precaution is taken. If sown in cold, wet ground the seed is liable to rot.

Packets, containing about 15 seeds each, 15 cts.; 2 pkts. for 25 cts.

#### DOUBLE-FLOWERING CUP-AND-SAUCER CANTERBURY BELLS.

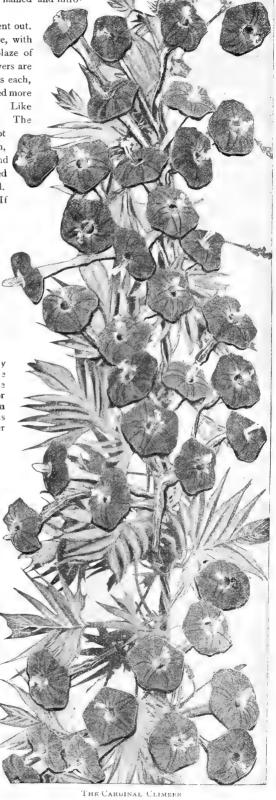
1734 A new race of this much-prized Hardy Biennial from a celebrated French Hybridizer. The double blossoms appear like three flowers placed one inside the other. These are produced freely and in all the colors found in the various varieties of Canterbury Bells. About one-half of the seedlings may be expected to come true to type. 25 cts, per pkt.

#### DOUBLE BLUE CORNFLOWER.

1881 This was introduced by us in 1907, and since then has steadily gained in popular favor, until now it must be considered one of the leading annuals. It is identical in color to the popular single blue Cornflower, which is so much in demand for cutting, especially for bouttonieres; but being a full double flower it takes fewer of them to make a nice bunch, and it is better in every way. The plants form nice symmetrical bushes about 18 inches high. 15 cts. per



Double Blue Cornflower



### Double Early-flowering Chrysanthemums.

1945 A new race of the Fall-flowering Chrysanthemum, which perfect their blooms in the open ground before frost. Easily grown from seed which may be expected to produce at least 75 per cent. of double-flowering plants in a large range of colors; quite hardy if given slight protection and grown in a well-drained position. 25 cts. per pkt.

### Gigantic-flowering Cosmos "Lady Lenox."

The rose-pink Lady Lenox Cosmos was introduced some years ago, and on account of its very large flowers and splendid texture is now a popular variety, and we are pleased to offer a pure white variety with all the good qualities of the parent.

2085 White Lady Lenox. 15 cts. per pkt.; 50 cts.

2084 Rose-Pink Lady Lenox. 10 cts. per pkt.; 40 cts. per ½ oz.

#### Giant Double Decorative Dahlia.

2197 Our supply of this novelty comes from a famous French hybridizer who states that it has been saved from a superb collection containing a very varied range of colors with flowers frequently 8 inches across, retaining their graceful form notwithstanding their enormous dimensions. 25 cts. per pkt.



HYBRID DELPHINIUMS



GIGANTIC-FLOWERING COSMOS LADY LENOX

#### NEW HYBRID DELPHINIUMS.

(Hardy Larkspurs.)

The magnificent Hybrid Hardy Larkspurs offered below represent the finest varieties of a famous English collection; and although you cannot depend upon them coming strictly true to name, yet you may rely upon getting flowers of largest size and equal to the varieties from which the seed has been saved. For list of standard sorts see page 83.

- 2216 Amos Perry. Beautiful semi-double flowers of a rich rosy-mauve, outer petals azure blue, distinct brown eye.
- 2218 **Belladonna.** The freest and most continuous blooming of all. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower.
- 2221 Carmen. A most conspicuous semi-double variety of a rich gentian-blue, centre flushed rosy purple, dark eye.
- 2224 Duke of Connaught. Rich oxford-blue, with a bold white eye.
- 2233 **Julia.** Gigantic flowers of a pretty cornflower-blue, beautifully veined with rose, large pure white eye.
- 2241 King of Delphiniums. A magnificent variety with massive spikes, well set with semi-double flowers 2 inches or more across. Color rich gentian-blue with a very conspicuous white centre.
- 2244 Lizzie. Lovely azure-blue with bold yellowish eye.
- 2246 Queen Wilhelmina. Immense flowers of a soft lavender-blue, flushed rose, with a very conspicuous white eye.
- 2247 Rev. E. Lascelles. A striking new variety with immense double violet-blue flowers with white centre.
- 2248 **Zuster Lugten.** Rich Oxford-blue, plum centre white and black eye, very distinct.

Price. Any of the above, 25 cts. per pkt.

2249 Collection of a packet each of the above 10 Grand Delphiniums, \$2.00.

#### Gold Medal Hybrid Delphiniums.

2238 Unquestionably the finest strain of mixed hybrids ever offered. The original stock came from England, and consisted of the best-named varieties. The plants are of strong, vigorous habit, with large flowers in massive spikes, the majority running in the lighter shades of blue. 15 cts. per pkt.; ½ oz., 50 cts.

### FLOWER SEED MOVELTIES:

#### NEW DOUBLE HOLLYHOCK "NEWPORT PINK."

2791 A charming variety that originated in one of the famous gardens at Newport, R. I. It produces stately spikes of very double rosette-like flowers of pure pink, a shade that is always in demand. The seed of this variety is quite distinct, being much smaller than those of other colors. Received an Award of Merit from the Royal Horticultural Society of England, July, 1912. 15 cts. per pkt.; 2 pkts. for 25 cts.

#### NEW HYBRID HARDY LUPINES.

(Lupinus Polyphyllus Hybridus.)
3060 These are the result of many years of careful crossing and selecting by a celebrated English specialist, and in addition to the usual blue white and rose colors, contain many unusual lilac, pink, purple, yellow and other tints. This strain received an Award of Merit from the Royal Horticultural Society of England, and we consider them one of the most important novelties of the season. 25 cts. per

pkt.; 5 pkts. for \$1.00.





NEW GIANT-FLOWERING
MARSHMALLOW

2505 Gaillardia grandiflora is justly considered one of the best and showiest hardy perennials, and we feel sure this striking new color will add
to the popularity of the genus, it being a brilliant coppery-red
throughout, toning somewhat lighter at the tips of the petals; flowers
of largest size, and having all the good qualities of the type. 20 cts.
per pkt.; 3 pkts. for 50 cts.

#### Double-flowering BABY'S BREATH.

(Gypsophila paniculata fl. pl.)

2695 One of the most important hardy perennials of recent introduction. The plant grows from 3 to 3½ feet high, bearing its pretty little double white flowers in much-branched panicles, which, when cut, can be used to great advantage with other flowers or by themselves, as they retain their beauty for months. It is also a most desirable addition to the hardy border. 20 cts. per pkt.; 3 pkts., 50 cts.

#### HELIOPSIS SCABRA ZINNIÆFLORA.

2732 A new double-flowering form of the hardy perennial Orange Sunflower, growing 2 feet high and bearing golden-yellow Zinnia-like flowers during the summer months. In addition to being a very showy plant in the hardy border, it is one of the best perennials for cutting. 15 cts. per pkt.; 2 pkts., 25 cts.

#### **New Giant-Flowering Marshmallows.**

(Hibiscus.

2775 A wonderfully improved form of our greatly admired native Marshmallow, or Rosemallow, in which flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. The colorings have also been greatly intensified, comprising rich dark red, soft mallow-pink and pure white; the plants grow from 5 to 8 feet high and are very floriferous, blooming from early in July until late in autumn; can be recommended for plantings of all kinds, and are perfectly hardy. The seed we offer has been saved from our own plants, and if sown early will produce plants that will flower the first year. 15 cts. per pkt.; 2 pkts. for 25 cts.



NEWPORT PINK HOLLYHOCK

# FLOWER SEED MOVELTIES |



NEW WHITE ORIENTAL POPPY

#### Two Magnificent Marigolds.

The two varieties offered below are grown for us by a specialist and are without doubt the very finest of the large-flowering African type, and grow about  $2\frac{1}{2}$  feet high, bearing in continuous succession from early summer till hard frost, large and perfectly double flowers.

3084 Orange Prince, Flowers very large, of a deep golden orange. 15 cts. per pkt.; 50 cts. per 1/4 oz.

\$085 Lemon Queen. Immense double flowers, in color a soft lemon-yellow, making a fine contrast to the rich orange of the preceding. 15 cts. per pkt.; 50 cts. per ¼ oz.

One pkt. each of the above for 25 cts.

#### Invincible Giant Polyanthus.

3677 A magnificent strain of this perfectly hardy and easily-grown spring-flowering Primrose, representing the work of twenty-five years of painstaking cross-breeding and selection by a Scotch specialist. Of strong, sturdy habit, and bearing immense trusses of large flowers on self-supporting stems 10 to 16 inches in length. Undoubtedly the finest strain in cultivation, containing all colors from purest white to the richest crimson. 25 cts. per pkt.; 5 pkts, \$1.00.

#### GIANT FLOWERING CHINESE FRINGED PRIMULA.

3791 This magnificent strain is quite distinct from the regular type, being of much more robust growth and producing immense trusses of extra large, finely-fringed flowers in many new and novel colors; as a pot plant for the house or conservatory, this is unequalled.

35 cts. per pkt.; 3 pkts. for \$1.00.

#### NEW WHITE ORIENTAL POPPY.

3743 This valuable novelty was offered for the first time last spring in plant form at 50 c's. each, and had a tremendous sale. We have secured from the originator his entire stock of seed, and it is almost certain that everyone interested in hardy plants will want to grow it.

It is the most distinct "break" that has yet been made in Oriental Poppies, it being a pure satiny white with a bold crimson blotch at the base of each petal, unquestionably the most important addition to the list of hardy perennial seeds for the season of 1916.

Like most hybrids the seedlings are liable to vary somewhat in color, but a good percentage can confidently be expected to come true. 25 cts. per pkt.

#### NEW HYBRID ICELAND POPPY.

3735 This beautiful strain of these charming hardy Poppies is being improved every year, and the stock which we offer this season will be found much finer than heretofore, containing a great number of lovely new shades of color. 15 cts. per pkt.; 2 pkts., 25 cts.



ORANGE PRINCE AND LEMON QUEEN MARIGOLD



#### PVRETHRUM ULIGINOSUM STELLATUM.

(Starry Giant Daisy.)

3851 This new variety, which originated in our Nursery, is a greatly improved form of the Giant Daisy, and, like its parent, has flowers of glistening white, but fully one-half larger, with long, narrow petals, forming a much more graceful and refined flower. The best and most useful Daisy for cutting during August and September. 15 cts. per pkt.; 2 pkts., 25 cts.

#### SALVIA ULIGINOSA.

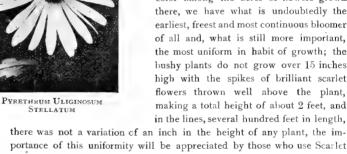
3930 A novelty in Hardy Perennials and one of the most desirable introductions. In general habit similar to Salvia Azurea Grandiflora but of stronger growth, each plant forming a bushy specimen from 5 to 6 feet high; wonderfully free-flowering, blooming continuously from June until frost. The flowers are a pretty cornflower blue with a white throat, produced in branched spikes about six inches long. Easily raised from seed, flowering the first season if sown early. See cut. 25 cts. per pkt.



SCARLET SAGE. GLOBE OF FIRE

#### NEW SCARLET SAGE GLOBE OF FIRE.

3936 We have in the last few years tested over a score of varieties of Scarlet Sage and believed that the sorts which we offer on page 110 covered the most desirable. In this new variety, which was grown at our Locust Farm Nursery the past season and which was easily the most brilliant bit of color among the acres of flowers grown there, we have what is undoubtedly the earliest, freest and most continuous bloomer of all and, what is still more important, the most uniform in habit of growth; the bushy plants do not grow over 15 inches high with the spikes of brilliant scarlet flowers thrown well above the plant, making a total height of about 2 feet, and



portance of this uniformity will be appreciated by those who use Scarlet Sage for beds or borders.

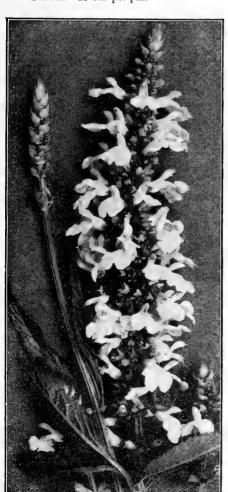
25 cts. per pkt.; 5 pkts., \$1.00.

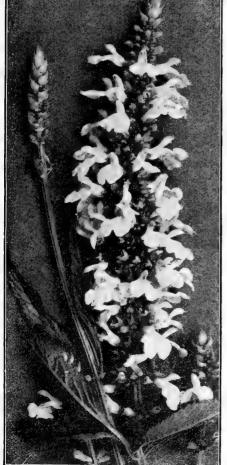


(Cornflower Asters.)

4060 The blue Stokesia Cyanea, although a native of the United States, was practically unknown as a garden plant until the year 1903, when we illustrated it in colors on the cover of our Garden Book; and, as a result of our efforts, it is now one of the popular hardy perennials. Some years later, a white-flowered variety was discovered, and now we are able to offer a mixture containing a number of rose shades, white and various shades of blue and purple as well. These should prove highly interesting, and we look forward to the time when this plant will be found in all gardens in a great variety of colors.

15 cts. per pkt.; 2 pkts., 25 cts.





SALVIA ULIGINOSA

Dreer's Special Strain Giant Double Zinnias

A special strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet, and should be given 18 to 24 inches between each to allow for full development; they bear freely on long, strong stems numerous semi-globular, mostly very double flowers, all of the largest size, making them of great value in large beds, borders, etc.; grown under favorable conditions they remain in bloom from early summer to late autumn.

We offer six of the most wanted colors, separately, as well as a splendid mixture of many colors, as under:

	PER PKT.
	Giant Golden=yellow15
4512	Giant Scarlet
4513	<b>Giant White</b>
4514	Giant Flesh=color15
4515	Giant Sulphur=yellow15
	Giant Crimson15
	Collection of a pkt. each of
	the above 6 colors
4520	Giant Mixed. All colors,
	½ oz., 40 cts
	1 /

#### Zinnia Haageana "Perfection."

4481 One of the most distinct and meritorious annuals of recent introduction. The plant is of dwarf, compact growth, 9 to 10 inches high by as much through, with fine foliage, and bears a multitude of very double flowers, about 11 inches across in a most unusual range of colors, including rose-tipped canary-yellow, maroon-tipped cream-yellow and wallflowered-red, velvety garnet, etc.,



GIANT DOUBLE ZINNIA. (Two-thirds natural size)

and altogether makes as pretty a border as anything we know of. Like other Zinnias it will grow and flourish in any sunny location. 15 cts. per pkt.; 2 pkts., 25 cts.

#### Dreer's Improved Large-flowering Dwarf Double Zinnias.

The Large-flowering Dwarf strain here offered is, we consider, the best for general use, with perfectly double flowers of good size borne profusely on bushy, compact plants of even growth not over two feet high, and for best development the plants should be finally about a foot apart. Notwithstanding that the seed has been saved from carefully selected, perfect flowers of the correct colors there is frequently a slight admixture of other colors, and for this reason it is well to set out the plants six to nine inches apart, and should any off-colors appear they can be removed without trouble and with advantage to the plants that are left.

Many of the leading florists now grow Zinnias largely for cut flowers, and while usually considered rather stiff and formal, a vase filled with any one of the colors makes a really handsome appearance.

PER ¼ OZ.	PER PKT.		PER PKT.
4441 Canary. Clear yellow	5	4446 Salmon=rose: A great favorite30	10
4442 Flesh=pink, Delicate tint 25	5	4447 Bright Scarlet. Bright and fiery25	5
4444 Orange. Rich golden orange25	5	4457 White. Pure white	5
4445 Dark Scarlet. Very rich25	5		
4459 Collection, containing a packet	each of the	above 7 colors. 30 cts.	

4460 Finest Mixed, containing all of the colors. 5 cts. per pkt.; 20 cts. per 1 oz.; 50 cts. per oz.

#### TWO BRILLIANT SWEET WILLIAMS.

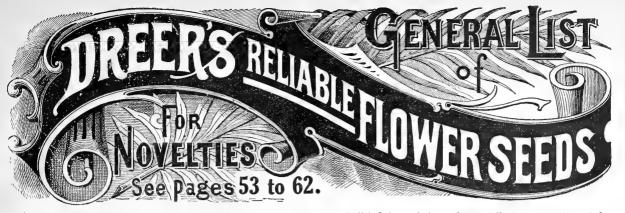
hardy plant, which originated in one of the far-famed gardens at Newport, R. I. In color it is what florists mass bedding it has no equal. Perfectly hardy. 15 cts. per pkt.

4282 Newport Pink. A distinct new color in this favorite | 4281 Scarlet Beauty. A splendid companion to the brilliant salmony-pink variety Newport Pink. The color is an intense rich, deep scarlet, and a most effective plant for the old-fashloned hardy border, where this shade is very uncommon. 15 cts. per pkt.

A packet each of the above for 25 cts.

#### RAINBOW CORN (Zea Japonica Variegata).

2662 As an ornamental foliage plant this is not only highly effective, but very interesting. It grows about five feet high, quite bushy, the wonderfully variegated leaves being striped with bright green, silvery white, rosy-purple, and sulphur yellow. It makes a very pretty dividing line between the vegetable and flower garden, or it may be used in the mixed border. 15 cts. per pkt.; 2 pkts. for 25 cts.



A number of meritorious sorts has been added to our list this season and all inferior varieties and sorts difficult to grow discarded For the convenience of our customers and to facilitate the filling of orders, it is only necessary in ordering to give the number of packets wanted and the corresponding number in the catalogue, viz.: 1 pkt. 1010, 15 cts.; 3 pkts. 1090, 15 cts., means one packet Abutilon, mixed, 15 cts.; 3 pkts. Agrostemma, 15 cts.

All flower seeds are sent postpaid at prices given.

Although we do not offer premiums, we invariably send "extras" with each cash order amounting to \$1.00 or over.

#### LECTIONS OF FLOWER SEEDS.

The following collections are made up of the best and easiest grown sorts and are sure to give satisfactory returns:

1134		Flowering	Annuals.	12	sorts,	our	selection	\$0	50
1135	6.6	- 66	6.6	25	6.6	66	6.6	1	00
1136	Old-fashi	oned Annua	ıls.	12	66	66	66		50
1133	Annuals i	for cutting.		12	6.6	66	66		50
3549	Old-fashi	oned Hardy	Perennials.	12	66	66	66		50
<b>2</b> 019	Quick-gr	owing Annu	ial Climbers.	12	6 6	66	66		50

Collections of Asters, Balsams, Dianthus, Marigolds, etc., are offered under their respective heads throughout the list.

#### ABUTILON (Flowering Maple).

1010 Fine Mixed. Elegant flowering perennial shrubs of strong growth and easy cultivation; free-flowering, with various colored, beautiful drooping bell-shaped flowers. Considered indispensable for flowering indoors during the winter and spring months, and useful for bedding out in the summer. Sown indoors any time before April, they will produce plants that will flower outdoors the first season and indoors all winter. Mixed colors.

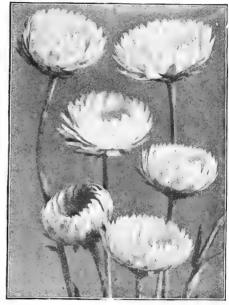
#### ACHILLEA (Milfoil, or Yarrow).

1021 Ptarmica "The Pearl." One of the best hardy white perennials. Grows about two feet high, and from spring till frost is covered with heads of purest white double A grand plant for cemetery decoflowers. ration. Easily grown from seed, flowering the first season if sown early..... 



ACHILLEA PTARMICA "THE PEARL"





ACROCLENTUM

#### ACONITUM (Monk's Hood, or Wolfsbane).

1031 Napellus. A hardy perennial, growing in any good garden soil, producing long spikes of curiously-shaped blue and white flowers. Well adapted for planting among shrubbery or in shady corners of the garden; 3 to 5 feet.  $\frac{1}{4}$  oz., 40 cts......10

#### ACROCLINIUM.

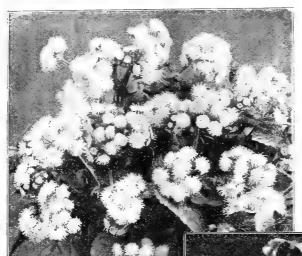
A pretty annual "Everlasting," growing about 15 inches high, bearing lovely white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in winter bouquets. A nice thing to grow in a mixed border aside from its use as an everlasting.

1040 Double Mixed	. ½ oz., 25 cts	5
	½ oz., 25 cts	

#### ADLUMIA.

(Mountain Fringe, Allegheny Vine, or Climbing Fumitory.)

1051 Cirrhosa. A graceful hardy biennial climber, but as its resows itself year after year, it might be considered perennial. The feathery foliage closely resembles that of the Maiden-hair Fern. The flowers are tubeshaped, flesh-colored, somewhat like the Bleeding Heart, and completely cover the plant. For covering trellises, stumps of trees, etc., it is very desirable. Flowers the first year from seed.....



AGERATUM BLUE PERFECTION

#### AGROSTEMMA.

(Rose of Heaven, Mullein Pink.)

1090 Coronaria. An attractive free-flowering hardy perennial of easy culture, producing glowing crimson flowers like a single pink and silvery white foliage; blooms the first season; fine for cutting; 2 feet.  $\frac{1}{4}$  oz., 15 cts..... 5

#### ALYSSUM (Mad Wort)

Pretty little plants for beds, vases, AGROSTEMMA CORONARIA baskets, edging or rockwork, blooming profusely all summer; useful also for winter flowering. Very sweetly scented.

1101 Little Gem, or Carpet of Snow. Of dwarf, compact habit, but 4 inches high. It begins to bloom when quite small, and the plants are a solid mass of white from spring to late in autumn, and undoubtedly the best white flowering edging plant in the list. (See cut.) Per 1/4 oz., 25 cts.; per oz., 75 cts.....

1102 Sweet Alyssum (A. Maritimum). Of trailing habit; flowers white. Per oz., 25 cts.....

1103 Tom Thumb (Benthami Compactum). Of dwarf, compact, erect growth; excellent for edging; white. 

1104 Saxatile Compactum (Basket of Gold), Showy, bright yellow flowers; hardy perennial; blooms the first season if sown early indoors; excellent for rock-work; 

#### AMPELOPSIS.

(Boston, or Japanese Ivy.)

1131 Veitchi. A hardy perennial climber, with olive-green leaves, which turn to scarlet in the autumn. The best and most popular climber for covering brick or stone 

#### AGERATUM.

(Floss Flower.)

One of the best bedding plants, being literally a sheet of bloom from early summer till frost. Unlike many bedding plants, their flowers are not liable to be spoiled by rain, nor do the colors fade out. The various blue varieties are without doubt the most satisfactory bedding plants of this color for our trying climate. Easily raised from seed, which is usually started in a hotbed or window and transferred to the open ground in May. Can also be sown outdoors in May. A sowing in September will give plants in bloom all winter. (See cut.)

1071 Blue Perfection. This is the darkest colored of all large-flowering Ageratums. Color deep amethystblue; compact growth; fine bedder. \(\frac{1}{4}\) oz., 30 cts... 10

1076 Little Blue Star. A variety of exceedingly dwarf and even growth; the tiny bushes, not over 4 to 5 inches high, are densely covered

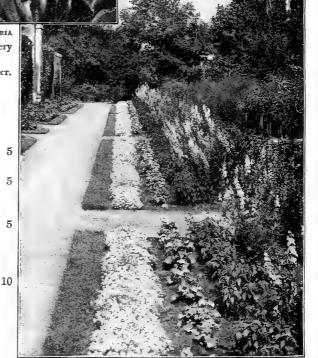
with bright blue flowers; a fine variety for edging.....

1073 Cope's Pet. The best light blue variety for edging. 4 oz., 30 cts . . .

1078 Princess Pauline. A beautiful variety of compact, even growth, rarely exceeding 8 inches in height; the flowers are sky-blue with white centre, the contrast being really ex-

quisite.  $\frac{1}{4}$  oz., 30 cts...... 10 1074 Imperial Dwarf Blue. Clear blue; 8 inches. \(\frac{1}{4}\) oz., 25 cts...

1075 Imperial Dwarf White. 8 inches. \(\frac{1}{4}\) oz., 25 cts.....



A BORDER OF ALYSSUM LITTLE GEM

### AMARANTHUS.

### ANTIRRHINUM (Snapdragon).

Within the last few years Snapdragons have become immensely popular. This is not to be wondered at, as, whether used for cutting or for show in the garden, they are one of the most valuable flowers which can readily be grown from seed. We offer two distinct types, the large-flowering, tall-growing, or giant, and the equally large-flowered, half-dwarf variety. In our trials the seeds sown out of doors the first week of May came into bloom early in July, remaining in full flower until November. For earlier flowering, they may be started indoors or in a frame in March, transplanting them to the open when the weather is suitable.

Giant Varieties. Of tall growth, very large individual flowers.

PER PKT.

1171 Giant Scarlet 10	1174 Giant Garnet 10
1172 " White 10	1175 " Pink 10
1173 "Yellow 10	1176 " Rose 10
1179 Collection of a packet each of th	e above 6 colors 50
1180 Giant Mixed. A splendid mixt	ture, containing all the colors; \(\frac{1}{4}\) oz.,
25 cts	
arge=flowering Half=Dwarf Varie	ties. A splendid type, growing about
18 inches high, the best for bedding	ig purposes:

 1162 Daphne.
 Soft blush pink.
 10

 1163 Defiance.
 Orange or russet red.
 10

 1164 Golden Queen.
 Rich, pure yellow.
 10

 1165 Firebrand.
 Rich, deep red.
 10

 1166 Rose Queen.
 Rich rose.
 10

 1167 Mont Blanc.
 Pure white.
 10

 1169 Collection of above six sorts.
 50

 1170 Half-Dwarf Mixed.
 All the





Spike of Large-flowering Half-Dwarf Antirrhinum

### ANCHUSA (Alkanet).

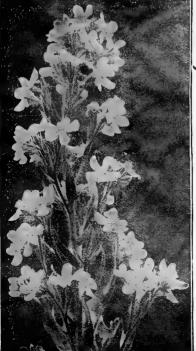
PER PKT.

### ANEMONE (Windflower).

-A very pleasing perennial, producing large flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors in spring, keeping shaded till the plants appear.

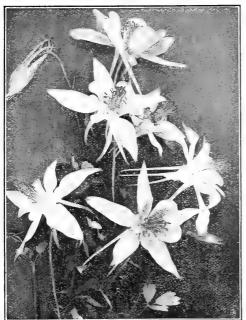
### ANTHEMIS (Hardy Marguerite).

1150 Tinctoria Kelwayi. A most satisfactory hardy perennial, bearing all summer daisy-like golden-yellow blossoms; excellent for cutting: 2 ft.  $\frac{1}{4}$  oz., 30 cts...10



ANCHUSA ITALICA, DROPMORE VARIETY





### ARABIS (Rock Cress).

1211 Alpina. A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edging; withstands the drought, and is always neat; 6 inches; 4 oz., 25 cts...... 5

### ARCTO'TIS (African Daisy).

1216 Grandis. A remarkably handsome annual from Southwest Africa. It forms much-branched bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface, the reverse of petals pale lilac-blue. There are few annual flowers grown in the garden more valuable for cut flower work than the Arctotis. It is easily grown from seed, and may be started in hotbed, in the house, or in the open ground, the seed germinating in about five days, and the plants may be expected to come into bloom early in July and continue until quite hard frost. It delights in a sunny situation. As a cut flower it is especially valuable, the blooms lasting a week

> or ten days in water, and if undeveloped buds are cut and placed in a sunny window, every one will open and produce as fine flowers as though left on the plant.



### Aquilegia (Columbine).

No hardy plant grown from seed is more easily handled than the Columbine.

Seed may be planted in the open ground early in spring, and will, in most cases bloom the same season; or they may be planted in August or September, and will come up early in spring and make vigorous plants, which will bloom abundantly during latespring and early summer.

Columbines should be planted wherever their presence will serve to lighten up a toostiff and formal planting, for no other plant has so airy a grace as the Columbine, is more generous of i's blooms, or more effectively adapted for cut flowers.

Exquisite 1181 Californica hybrida. flowers, in yellow and orange shades, all with long spurs. \$ oz., 50 cts .. 10

1183 Chrysantha (Gilden Spurred).
Golden-yellow. \$\frac{1}{8}\text{ oz., 30 cts.... 10} 1184 — alba. Beautiful pure white. ½ oz.,

bine). Violet-blue and white; 2 feet. 1 oz., 30 cts.

pkts., 25 cts.....

1210 Single, all colors mixed.

1186 Cœrulea hybrida. Beautiful hybrids, bearing large flowers in a great variety of colors. \(\frac{1}{8}\) oz., \(\frac{5}{0}\) cts..10 1187 Flabellata nana alba. A dwarf variety from Japan, with fine glaucous foliage and large white flowers. \frac{1}{8} oz., 25 cts, ..... 10 1195 Helenæ. Of strong robust growth, bearing numerous flowers 1197 Nivea Grandiflora. A beautiful large pure white. \(\frac{1}{4}\) oz., 25 cts violet-blue; a strong grower. \(\frac{1}{4}\) oz., 25 cts...... 1199 Collection containing a packet each of the 10 named sorts... 75 1206 Veitch's Long-spurred Hybrids. A beautiful strain.comprising shades and combinations of blue, white, yellow, orange,

scarlet and bright rose-pink, in large flowers with long spurs. 2

1207 Double, all colors mixed. 50 cts. per oz......

½ oz., 30 cts... 10 Armeria.

(Sea Pink or Thrift,)

1221 Formosa. A very pretty edging plant, bearing rosypink flowers; hardy perennial ..... 10

**NOVELTIES** AND SPECIALTIES FLOWER SEEDS See pages 53 to 62



40 cts. per oz.....

## Dreer's Famous American Asters

Asters are one of the most important summer and autumn flowers, and receive special care at our hands. Yearly exhaustive tests are made with a view to offering only the choicest kinds, regardless of cost. As a result of this care our list comprises only such sorts as can be planted with perfect confidence that nothing better is procurable, no matter at what price or from what source.

The varieties offered on this and the following three pages represent the finest Asters introduced to date, and are all firmly established favorites with the most critical growers of this popular flower, and should be in every garden where high quality is appre-

The early sorts, such as Queen of the Market, Lavender Gem and Royal, begin blooming in July, followed by the mid-season varieties, which are usually at their best during August, and which include such splendid sorts as Pink Beauty, Mikado, Ostrich Feather, and the Improved American Victorias. Then come the late-flowering kinds, which bloom from the end of August on through September into October. This class furnishes the finest flowers of all and is well represented in our list by our Superb Late Branching in eight beautiful colors, our Peerless Pink, the finest Pink Aster grown, Crego's Giant, Crimson Giant, Violet King and a number of other fine sorts. It is quite easy, therefore, with a little care in the selection of the varieties, to have Asters in bloom from the first days in July until hard frost.

### A Few Cultural Hints on the Growing of Asters

Asters will thrive in any good soil, prepared in the same way as you would for a crop of vegetables, but it is well to remember that any extra care taken in the preparation of the soil is repaid by finer plants, larger blooms with longer stems and more protuse flowering. They should have an open, sunny position, and prefer a good, heavy, loamy soil, enriched with a liberal quantity of Lone meal or other good commercial fertilizer; and the addition of wood ashes or air-slaked lime, and we do not advise growing them on the same ground year after year; it is better to change each season.

For early flowering the seed should be started in the house, hotbed or cold-frame in April, transferring them to their flowering quarters as soon as danger from frost is past. For August and later flowering it is just as well to sow them in the open in May, preferably in a prepared seed bed, transplanting them when two or three inches high to where they are to bloom, although they may be sown where they are to flower with almost as good results.

The main essentials to insure fine Asters are a rich soil, frequent cultivation, no check to their growth from start to finish and ample room to develop. When wanted for cutting with long stems, they should be set out not closer than twelve inches apart in the rows and two feet between the rows. When wanted for mass effects in beds they may be planted nine inches to a foot apart each way.

Asters are sometimes attacked by an aphis at their roots; also by stem rot, a fungous disease, which causes the stem to decay just at the point where it emerges from the ground. Both of these troubles are rarely met with if the plants are grown on good soil and are not checked in their growth. The addition of wood ashes or air-slaked lime at the time of the preparation of the bed also helps to prevent these troubles.

The Aster or Black Beetle, which devours the flowers, can only be destroyed by hand-picking or by knocking them into a basin. or receptacle in which there is some water and kerosene oil. As a rule, these beetles come in August, and by growing only the early and the late-flowering kinds can be avoided.



ASTERMUM

### ASTERMUM ASTERS.

A strain of Comet Asters which, on account of their size and Chrysanthemum-like appearance, have appropriately been named Astermums. The plants grow about 2 feet high, and come into We offer three fine bloom a little earlier than the Crego's Giant. colors, as under:

1261 Lavender. A rich shade of lavender or light violet.

1262 Pink. A very attractive shade of lively rose-

1263 White. Purest snow-white.

Price. 15 cts. per pkt.; a packet of each color for 35 cts.

### CHINA ASTERS.

1340 General Mixture. This mixture was saved from the many sorts and colors grown on our trial grounds the past season. 5 cts. per pkt.; } oz., 25 cts.

### Crego's Giant Comet Asters.

We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type. We offer five colors, viz.;

		F.1	B.IV	L P	KI.
1281 White. Pure white					15
1282 Pink. Delicate shell-pink					15
1283 Purple. Bright purple					15
1284 Rose. Rich deep rose					
1285 Lavender. Deep lavender	٠				15
£ 1 - F - 1 00 - 1 -					

1288 Collection of a packet each of the 5 colors, 60 cts. 1290 Crego's Mixed. All colors. 15 cts. pkt.; 2 pkts., 25 cts.

## Dreer's Famous American Asters

ENCHANTRESS ASTER. 1348 A very desirable mid-season sort of upright, bushy habit about 18 inches high and bearing large, very double almost globular wide petalled flowers of the soft delicate pink color peculiar to the popular Enchantress Carnation, 15 cts. per pkt.; 21 kts. 25 cts.

### KING ASTERS.

The "King" Asters form a distinct class or type, and have many sterling qualities to recommend them to lovers of fine Asters. They are of strong, sturdy habit, growing fully 18 inches high, and bear from August to October very large double blossoms, the petals of which are more or less quilled, forming a very attractive flower, which is nicely shown in the illus-

tration.

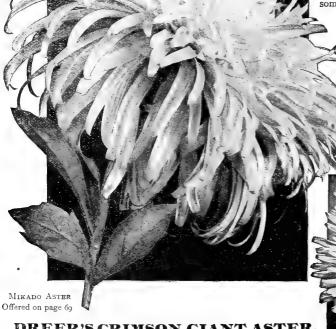
1307 Dreer's Crimson King. The richest and deepest crimson variety known to us.

1394 Pink King. An attractive shade of delicate shell pink.

1437 Rose King. A beautiful brilliant rose variety. 1482 Violet King. A pleasing soft shade of violet. 1492 White King. Pure white,

Price. Any of the above, 15 cts. per pkt.

1439 Collection of a packet each of the five King Asters for 60 cts.



### DREER'S CRIMSON GIANT ASTER.

1305 This variety has all the good qualities of our Superb Late Branching type, but is of upright growth, with extra large densely double flowers, few under 5 inches across, on stems 15 to 18 inches long, in color a very rich blood-crimson, full of fire, making a brilliant bed or border. 15 cts. per pkt.; 2 pkts., 25 cts.

### DREER'S SUPERB LATE-BRANCHING ASTERS.

This grand strain is of American origin, and is especially adapted to our climatic conditions.

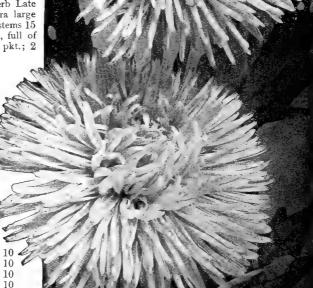
The plants form strong, branching bushes, 2 to 21 feet high, bearing on long, strong stems flowers which under ordinary cultivation, average 5 inches across. They come into bloom from two to three weeks after the average type, usually being at their best during September, and, all things considered, are the most valuable of all Asters, either for cutting or for bedding, and if only one kind of Aster is grown this is the type PER PER which will likely give the best results.

		,	T	
1451	Azure=blue.	A deep rich lavender	60 10	
1452	Deep Crimso	on. Rich and glowing	60 10	
1453	Deep Rose.	Distinct and fine	60	0
1455	Pale Lavendo	er. Exquisite greyish b	lue 60	0
1456	Deep Purple.	. A rich royal shade	60	0
1457	Rose-pink.	A lovely shade; very po	pular 60	0

1461 Shell pink. Soft and dainty.

10 cts. per pkt.

1467 Pure White. Perfect in its purity...... 60 10 1469 Collection. A packet each of the 8 colors.... 69 cts. 1470 Finest Mixed. All the colors mixed.  $\frac{1}{4}$  oz., 50 cts.;



10

# Dreer's Famous American Asters

LAVENDER GEM ASTER.

1353 One of the most beautiful Asters. It is of true Come type, with large, artistic, loosely-arranged flowers on long, wiry stems and of the most charming shade of lavender imaginable. Begins blooming in July, continuing through August; a lovely variety for cutting. 15 cts. per pkt.; 2 pkts., 25 cts.

### MIKADO ASTERS.

A Comet variety, very similar to the Crego's Giant offered on page 67, but dwarfer in growth and comes into bloom fully two weeks earlier. The plants attain a height of about 18 inches, of branching habit, and the flowers, borne on long, strong stems, are of colossal size, flowers five and six inches across being the rule. (See illustration on page 68.) We offer two colors, viz.:

1357 Mikado Pink or Rochester. A charming shade of pink suffused with lavender. A color which shows to great advantage under artificial light.

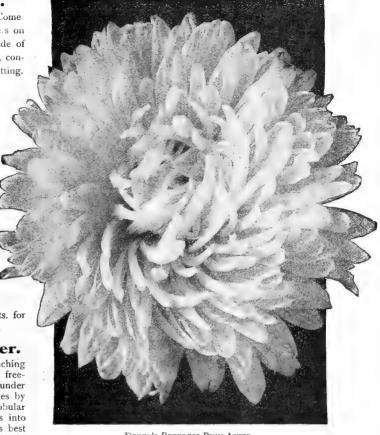
1358 Mikado White. Of purest glistening white; a magnificent and artistic flower.

Price. Either of the above, 15 cts. per pkt.; 2 pkts. for 25 cts.

### Dreer's "Peerless Pink" Aster.

1393 This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust, freebranching habit, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular The color is a rich shell-pink and comes into bloom about the middle of August, being at its best during the early part of September. (See cut.) 15 cts. per pkt.; 2 pkts., 25 cts.

DRRER'S LINK



DREER'S PEERLESS PINK ASTER

### DREER'S "PINK BEAUTY" ASTER.

1343 This was introduced by us in 1908, and is a magnificent variety of strong, free, upright growth, 24 to 30 inches high, blooming from early in August until well on in September, with fre-

quently as many as 50 flowers open at one time on long, strong stems, and averaging 4 inches across, of chrysanthemum shape, the inner petals incurved, outer reflexed; color a soft, delicate blush-pink, a shade that is always in demand for cutting. This has been pronounced by experts to be the finest pink mid-season Aster yet introduced. 15 cts. per pkt.; 2 pkts., 25 cts.

### OSTRICH FEATHER ASTERS.

This magnificent Aster produces flowers of immense size, made up of long, loosely formed petals. Blooms in August. When used for cutting, the flowers should be picked when about half expanded and allowed to develop in water in a cool room.

PER PKT.	PER PKT
1361 Bright Rose 15	1365 Violet Blue 15
1362 Lavender 15	1366 Vivid Crimson15
1364 <b>Salmon Pink</b> 15	1367 <b>Pure White</b> 15
1369 Collection containing a	packet each of the 6 colors 75
1370 Mixed, all colors. 1 oz	75 cts 10

QUEEN OF THE MARKET ASTERS.

A first-class early flowering Aster, coming into flower in July, of branching habit; flowers of good size and borne on long stems, making them exceedingly valuable for cutting; 1 foot.

2000	PER PKT.	PER PKT.
	1401 Bright Rose	10
	1402 Crimson 10   1406 Purple	10
	1403 Lavender	10
1409 Collection.	One packet each of the 6 colors	50
1410 Mixed Colo	ors. ½ oz., 50 cts	10

# HENRY A. DREER - PHILADELPHIA - PA -



Continued.

## ROYAL ASTERS

A recently developed type that might briefly be described as an early flowering form of our Superb Late Branching variety, having all the good qualities of the latter, but coming into bloom in July or early August, and lasting in perfect condition for a long time. The habit of the plants and their free-flowering make them very desirable for beds or borders, while their longstemmed flowers are ideal for cutting. We offer six beautiful and distinct colors. PER PKT.

1412 Lavender. Soft lavender-violet. 15

1413 Purple. Rich, deep violetpurple...... 15 1414 Rich Rose. A bright color............ 15 1415 Rose=Pink. Very pretty, shaded white at centre.... 15 

1417 White. Purest white..... 15 1419 Collection of a packet each of the six colors....... 75 1420 Mixed. Containing all of the colors..................... 10

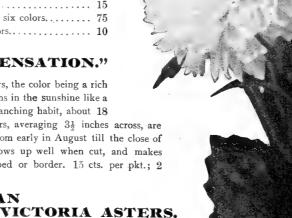
## NEW RED ASTER, "SENSATION."

1442 This is the reddest of all Red Asters, the color being a rich garnet or ox-blood red, which glistens in the sunshine like a live coal. The plants are of free-branching habit, about 18 inches high; the very double flowers, averaging 31 inches across, are borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut, and makes a very brilliant bit of color in a bed or border. 15 cts. per pkt.; 2 pkts., 25 cts.

## IMPROVED AMERICAN

This is by far the finest of all Asters for beds or borders where an even growth and a mass of flowers are wanted for effect; the sturdy, upright plants, 12 to 15 inches high, carry not less than 50 flowers each, producing a mass of color unequalled by any other; blooms from early August till late October. (See cut.)

1471	Daybreak. Delicate La France pink
1472	Purity. Purest white
1473	Pale Lavender. A delicate shade
1474	Rose=pink. Rose shading to blush-pink 15
1475	Salmon-pink. Rich salmon-pink, exquisite 15
1477	Azurea. Rich, deep lavender-blue
<b>147</b> 8	Collection of a pkt. each of the above 6 colors 60
1480	Choicest Mixed. All colors. 1 oz., 75 cts 10



IMPROVED AMERICAN VICTORIA ASTERS

### SINGLE CHINA ASTER. PER PKT.

1440 The single China Asters are very effective in beds, or borders, and offer a pleasing change to the innumerable double sorts; mixed colors; 4 oz., 25 cts... 10

### HARDY PERENNIAL ASTER.

1400 Mixed (Michaelmas Daisies). Single fall-flowering hardy herbaceous plants, thriving in any good garden soil. If sown early they will flower the first season; 

### ARGEMONE.

(Mexican or Prickly Poppy.)

PER PET.

1220 Hybrida Grandiflora. We were delighted with a trial of this in our experimental grounds. The plants grew into sturdy bushes about 3 feet high, with very ornamental pale green, spiny foliage, with clear, silvery midrib and veins and poppy-like flowers of satiny texture, over 3 inches across, in various shades from rich yellow to creamy white. It came into bloom early in July, and continued without interruption till November. It is best to sow the seed where they are intended to bloom as soon as the ground is warm, and should have a sunny location, and prefers light soil. A very pretty and ornamental plant in or out of bloom. 2 pkts., 25 cts...... 15

### ASPARAGUS.

1231 Plumosus Nanus. This graceful Asparagus is an excellent house 

1232 Sprengeri (Emerald Feather). One of the best plants to grow in suspended baskets, window boxes,

vases, etc., for the greenhouse in winter and outdoors in the summer. 

### AURICULA.

#### (Primula Auricula.)

1500 A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; half-hardy perennial; 6 inches ...... 15

### BALLOON VINE.

#### (Love-in-a-puff.)

1525 A rapid-growing annual climber; succeeds best in light soil and warm situation; flowers white: seed vessels look like miniature balloons and of great interest to children. (See Per oz., 25 cts.....



DOUBLE CAMELLIA-FLOWERED BALSAMS.

ARGEMONE HYBRIDA GRANDIFLORA (Lady-Slipper.)

An old and favorite garden flower, producing its gorgeous masses of beautiful brilliant colored double flowers in the greatest profusion; of easy culture; succeeds in a good rich soil; tender annuals; 2 feet. Start the seed indoors in April or sow out of doors in May. To grow fine specimens they should

not be croser than 10 menes apart. (See cut.)	
그는 사람들은 사람들은 사람들이 얼마 없는 사람들이 되었다.	PER PKT.
1532 Prince Bismarck. Exquisite salmon-pink; very double	$\dots$ 10
1534 Scarlet. Brilliant fiery-scarlet	
1533 Light Yellow	5
1535 Solferino. Striped and spotted white, lilac and scarlet	
1536 Violet. Very rich	5
1537 White Perfection (Alba Prefecta). Very double, im-	mense
solid round flowers of purest white	10
1538 Collection of the 6 colors offered above	30
1540 Double Camellia-flowered. Finest mixed; \(\frac{1}{4}\) oz., 25 ct	s 5

### BOCCONIA (Plume Poppy, or Tree Celandine),

1611 Cordata. Effective, hardy perennial, for single specimens or groups on lawns. Foliage glaucous green, bears freely spikes 2 to 3 feet long of cream-colored flowers; 5 feet; easily raised from seed. 4 oz.;





BEGONIA SEMPERFLORENS

BEGONIAS. Everblooming Bedding Varieties.

The following are varieties of Begonia Sem-

perflorens, and take rank as bedding plants with Geraniums and Coleus, doing equally well

in full sunlight, and surpassing both in positions

partially or wholly in shade. They are of sturdy

growth, growing about 1 foot high and forming

dense bushes, which, from May until frost, are completely hidden with flowers. As pot plants for winter flowering they are superb, remaining a sheet of bloom throughout the entire year.

### A favorite perennial, which will stand the winter if given the protection of a little litter. In bloom from early spring until well on in the summer. Easily raised from seed, which may be sown any time from spring till August. For best results, new plants should be raised from seed each year. The following are the finest double-flowering kinds, selected after careful test out of over twenty sorts:

1593 Ranunculiflora Alba. A splendid type with densely double pure white flowers,

1594 Ranunculiflora Rosea. Identical to the preceding except in color, 

1595 Giant White. Each plant produces but a few flowers, but these are 

1597 The Bride, or Improved Snowball. A fine large double free flow-

1598 Double Quilled. Double quilled flowers in mixture, containing red. 

1600 Double Mixed. A fine mixture, containing all the colors. \frac{1}{2} oz., 

#### BRACHYCOME (Swan River Daisy).

1620 Free-flowering, dwarf-growing annuals; covered during the greater part of the summer with a profusion of pretty blue or white flowers, suitable

for edgings, small beds or pot culture; 9 inches. (See cut.) 1/4 oz., 25 cts.... 5



1641 Laciniosa. A beautiful annual climber of the gourd species, with ivy-like pale green foliage and showy fruit, first green striped white, turning when ripe to bright scarlet striped white; 10 to 20 feet. (See 



Easily raised from seed, which should be started Bryonopsis	•
·1 · · · · · · · · · · · · · · · · · ·	
either indoors or in a noticed. (See cut.)	KT,
1562 Erfordia. Bright rosy carmine	<b>2</b> 5
1565 Gracilis. Handsome flowers of a delicate rose color	15
1563 Luminosa. Brilliant fiery dark scarlet; very bright	25
1571 Vernon. Bright orange-carmine flowers, deep red foliage	10
1580 Semperflorens, Single Mixed. This mixture contains all the	
colors from pure white to the deepest crimson; splendid	10

#### BOLTONIA (False Chamomile).

One of the showiest of our native hardy perennials, growing 4 to 6 feet high, with daisy-like flowers in countless thousands from July to September; very

### BROWALLIA (Amethyst).

One of our favorite profuse-blooming bedding plants, covered with rich, beautiful winged flowers during the summer and autumn months, supplying a shade of intense blue very uncommon; grows freely in any rich soil; blooms finely in the winter if the plants are lifted in autumn and cut back.

1637 Speciosa Major. A beautiful flowering variety of the most brilliant ultramarine blue; a rare color; does finely outside in the border, or in hanging baskets or vases, but is especially valuable as a pot plant for 

1640 Elata Mixed. Blue and white; 18 inches. \(\frac{1}{4}\) oz., 25 cts.................. 5



BRACHYCOME

### CACALIA.

(Tassel Flower, or Flora's Paint Brush.)

1650 A neat annual, of easy culture, with tassel-shaped flowers, blooms from June to September; fine for borders. Goldenyellow and scarlet mixed; 13 feet. 4 oz.,

25 cts..... 5

### Calendula (Pot Marigold).

This is the "Marygold" of Shakespeare's time; one of the best and showiest free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, particularly bright in late fall, continuing in bloom from early summer until killed by frost; valuable also for pot culture; blooming freely in winter and early spring; 1 foot. (See cut.)

1681 Meteor. Large double yellow, each petal striped with orange. Oz., 25 cts.... 5

1684 Prince of Orange. Like Meteor, but darker. Oz., 

1682 Orange King. Very large double flowers of a dark orange-red. Oz., 25 cts..... 5

1685 Pure Gold. 'A grand variety, with double extra large flowers 

1686 Double Sulphur. Very large and extremely double flowers of a pleasing sulphur-yellow

color. Oz., 25 cts...... 5
1687 Favorite. Light sulphur, each petal striped with creamy-white; the lightest

colored variety. Per oz., 25 cts. 1688 Pluvialis (Cape Marigold). A pretty single-flowering sort, white daisy-

like flowers, under side of the petals lilac. Oz., 40 cts. 5 1683 Pongei Fl. Pl. Showy double-white flowers. Oz.,

40 cts 1690 Mixed. All the double sorts. Oz., 25 cts..... 5

1689 Collection, one packet each of the 8 separate sorts. 30







### CALCEOLARIA.

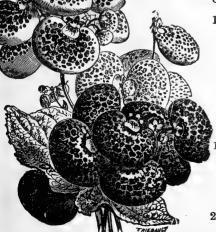
1671 Dreer's Perfection. An ornamental plant, producing a mass of beautiful pocket-like flowers in the spring, and a universal favorite for decorating the greenhouse or conservatory. This strain was grown for us by a celebrated Scotch specialist and is considered the finest in cultivation; flowers beautifully spotted and blotched in exceedingly rich and varied colors; of perfect form and fine substance; the habit of the plants dwarf 

### Canary-Bird Vine (Tropaeolum Canariense).

1749 A beautiful rapid annual climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. (See cut.) Per oz., 25 cts...... 5

#### The Cardinal Climber (Spomoea Quamoclit Hybrida).

2158 The most brilliant, beautiful and distinct annual climber introduced in a lifetime. For full description see under Novelties and Specialties, pages 53 to 72. 15 cts. per pkt.; 2 pkts., 25 cts.



DREER'S PERFECTION CALCEOLARIA





#### CALLIOPSIS.

Showy and beautiful free-flowering annuals, of the easiest culture, doing well in any sunny position, blooming all summer and excellent for cutting and massing. It is best to sow them where they are to bloom, thinning out to stand 6 inches to 12 inches apart. By keeping the old flowers cut off the flowering season can be lengthened until late autumn. 1696 Bicolor Nana. Of dwarf, compact, even growth; flowers clear yellow with small garnet eye; 9 inches. 1701 Crown of Gold. Large, rich golden yellow, 18 low with small chestnut-brown centre; very free; 12 inches high, covered with flowers of rich maroon edged with golden yellow, and having twisted petals like a high and covered with bright golden-yellow flowers, marbled with Wallflower-red. 1 oz., 15 cts...... 1703 Nigra Speciosa. A strong grower with good-sized Howers of rich reddish-maroon; 2 feet.  $\frac{1}{4}$  oz, 15 cts. 1705 Tiger Star. Plants not over 9 inches high; flowers of rich reddish-brown, tigered with golden-yellow, not unlike some of the Orchids. \(\frac{1}{4}\) oz., 25 cts. 10 1704 Tinctoria. Another showy variety, the large flowers being bright yellow and maroon, about evenly divided; 24 inches. 4 oz., 15 cts... 1706 Double Tinctoria. Double and semi-double very showy flowers of rich maroon, edged with gold; 18 inches. \(\frac{1}{4}\) oz., 25 cts..... 1710 Mixed. All the choice sorts in mixture. Per oz., 1709 Collection. Containing a packet each of the above

#### CANDYTUFT (Iberis Umbellata).

The annual Candytufts are universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produce flowers early in spring; when sown in April, flowers in June; successive sowings should be made at intervals. Hardy and easy to grow. 

Single plants transplanted look well and bloom profusely; 1 foot.	
PER P	KT.
1751 Carmine. Bright carmine rose. Oz., 50 cts	
1752 Crimson. Rich deep shade. Oz., 25 cts	5
17:3 Empress. The finest of all the white varieties, being a complete mass	
of pure white flowers, in a pyramid of bloom. (See cut.) Oz., 50	
cts	10
1755 White Fragrant. Flowers small, very sweetly scented. Oz., 25 cts.,	5
1756 White Rocket. Good spikes of pure white. Oz., 25 cts	5
1757 Lavender. Delicate shade of rosy-lavender. Oz., 25 cts	5
1760 Mixed Colors. Oz., 25 cts,	5
1770 Dwarf Hybrids, Mixed. A very dwarf and compact type not over	
6 inches high and very useful for the edge of borders, etc. Oz., 50 cts.	10
For perennial Candytuft see Iberis, page 93.	

#### CANNA (Indian Shot).

Dwarf, Large-flowering French. Unquestionably the finest of bedding plants for the American climate. The seeds here offered are all of our own saving. Soak the seeds in warm water until they show evidence of swelling, then sow in sandy loam, and place in a hotbed; when up to the second leaf, pot off singly and keep under glass until the proper season for planting out. 1799 Collection of a packet each of six grand sorts. .... 30 1790 Mixed. Saved from the finest sorts. Per oz., 25 cts......... 5

> For roots or plants of Canna see under Garden and Greenhouse Plants.



EMPRESS CANDVILLET

OR



### CANTERBURY BELLS.

Mrs. Ely, author of "A Woman's Hardy Gar-

den," says:

"The seeds should be sown by mid-April, in finely prepared, rich soil—the colors in separate rows—and if the weather is dry, they should be given a thorough watering late every afternoon. By the 15th of July the little plants should be transplanted, either to the places where they are to bloom the following summer, or else they may be set out temporarily in rows about a foot apart, the plants eight inches apart, and finally transplanted early in October. Some evergreen branches, or a little straw or coarse hay, thrown over them when the ground begins to freeze, makes all the winter covering these plants require. In the spring a little fine manure and some bonemeal should be dug about each plant, and the stalks of bloom, which, if well cared for, will be nearly three feet in height, should be staked. If the flowers are cut immediately upon fading, the period of blooming can be prolonged to about six weeks."

Calycanthema (Cup and Saucer Canterbury Bells). This is unquestionably the finest type of this old-fashioned and much-prized garden plant. They differ from the ordinary type in having an extra large calyx, which is of the same color as the flower, giving the appearance of a cup and saucer. They are effective either in the garden or grown in pots for conservatory or table decoration. We offer them in separate colors as well as in mixture, viz.:

 1736 Rose Pink.
 Delicate rosy-pink.
 15

 1735 Blue.
 A fine, clear shade.
 15

 1738 White.
 Pure white.
 15

 1740 Finest Mixed.
 All colors of the Cup and Saucer type.
 107. 75 cts.

½ oz., 75 cts.

Medium (Single Canterbury Bells). The old-fashioned sort, with beautiful, large bell-shaped blossoms; we offer four distinct colors and mixed, as follows:

CAMPANULAS OR BELLFLOWERS.

(Various Sorts.)
Well known, beautiful hardy herbaceous perennials, bearing a great profusion of attractive bell-shaped flowers; thriving best in light, rich soil; some of the varieties flower the first season if sown early.

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SINGLE AND CUP AND SAUCER CANTERBURY BELLS

PER PET.

1724 Persicifolia Grandiflora (Peach Bells). Undoubtedly one of the finest of the hardy Bellflowers; grows 2 to 3 feet high, with large blue flowers.

15725 Persicifolia Alba. The white flowered Peach Bells 15 Pyramidalis (The Chimney Bellflower). A beautiful stately hardy plant, either for garden or pot culture; blue salver-shaped flowers; 4 to 5 feet. 4 oz., 30 cts.

1729 — Alba. Same as above, but with white flowers.

4 oz., 30 cts.

5

### CARNATION.

Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer. The Marguerite and Chabaud's type are the best for summer flowering.

1850 Hardy Border Double Mixed. A good hardy strain for outdoor culture, flowering the second season and producing a mass of flowers in a great variety 

1831 Chabaud's Everblooming. Raised by a famous French specialist. Blooms in five months after being sown, and continues to flower in the greatest profu-



### MARGUERITE CARNATIONS.

These are deservedly the most popular Carnations with the amateur, as they begin flowering in a few weeks from time of sowing. The strain offered is of extra

fine quality, producing on long, strong stems an abundance of large, double, beautifully fringed, highly scented flowers; with slight protection they will survive an ordinary winter and bloom freely the following spring.

	, 010	
	PER PKT.	
	Deep Crimson10	7
	Sulphur Yellow 10	
	Bright Rose10	
1814	Fiery Scarlet 10	,
1815	Striped10	
1816	Pure White10	
1818	Collection of 1 pkt.	
	each of the above 6	
	colors:	
1820	Mixed. All colors Mar-	
	guerite Carnations. 4	
	oz., 50 cts 5	

### **Giant Marguerite** Carnation.

1830 An improved strain, producing flowers of immense size, frequently measuring  $2\frac{1}{2}$  to 3 inches across. Strong, vigorous growers, and wonderfully freeflowering; mixed colors. 1 oz., 75 cts ......10



CELOSIA PLUMOSA, THOMPSON'S SUPERB

Celosia Cristata.

(Cockscomb.)

CHARAUD'S

EVERBLOOM ING CARNA-

Free-blooming annuals, growing best in rather light soil, not too 1ich; make grand border plants and are attractive for pots. Seed can be sown under cover in early spring and planted out in May, or may be sown out of doors in May.

				FERE	wi.
1851	Empress.	Rich	crimson;	combs of	
	colossal prop	ortion	s		10
1959	Glacoow I	Deizo	T	as abann	

1852 Glasgow Prize. Immense, showy dark crimson combs...... 10

3 Queen of the Dwarts. This we consider the finest of	of the
dwarf-growing Cockscombs. The plants grow only 8 i	nches
high, with beautiful dark rose-colored combs, measuring to	under
good cultivation 2 feet across	10
4 Variegata. Variegated with crimson, orange, green-str	iped,
	dwarf-growing Cockscombs. The plants grow only 8 in high, with beautiful dark rose-colored combs, measuring to good cultivation 2 feet across

1860 Dwarf, Mixed. Fine dwarf varieties. \(\frac{1}{4}\) oz., 30 cts...... 5

1858 Imported Collection of 6 dwarf Cockscombs, 30 cts.



Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets. Should be treated exactly the same as the Cockscombs described above.

1867	Thompson's Superb (Triomphe de l'Exposition). Of	
	pyramidal growth, attaining a height of 3 feet, and producing	
	graceful, feathery plumes of the most brilliant crimson. 1/4 oz.,	
	30 cts	10

1868 Thompsoni Magnifica. Similar to the preceding, but ranging in color from the clearest yellow to the darkest blood-red. 

1866 Golden Plume, Bright, golden-yellow plumes. 4 oz., 30 cts 10 1870 Plumosa, Mixed. Feathered varieties in all colors. 1 oz.,





CENTAUREA CYANUS (Cornflower)

### CENTAUREA IMPERIALIS.

(Royal Sweet Sultans,)

This beautiful class is undoubtedly the finest of all Sweet Sultans for cut flower purposes. The beautiful sweet-scented, artisticshaped flowers are borne on long, strong stems, and when cut will stand for several days in good condition. It is best, in this latitude, to sow very early in the spring, so that they may perfect their flowers before very hot weather comes. (See cut.) We offer the following distinct colors:

1891	Brilliant Rose 10	1894 Deep Purple	10
1892	Dark Rose 10	1895 Delicate Lilac	10
1893	Deep Lavender 10	1896 Pure White	10
		packet each of the 6 colors	
1900	Finest Mixed Colors.	½ oz., 25 cts	5

### VARIOUS CENTAUREAS. 1974 Americana (Racket Flower) A splendid native va-

	Time to the terms of the terms	
	riety, growing 3 feet high and bearing immense thistle-	
	like blooms of a rosy-lavender color. Very showy in	
	the mixed border and splendid for cutting. \(\frac{1}{4}\) oz., 25 cts.	5
1901	Suaveolens (Yellow Sweet Sultan, or Grecian	

1901	Suaveolens (Yellow Sweet Sultan, or Grecian	
	Cornflower). Very showy, large, bright yellow flow-	
	ers; sweetly scented and a popular sort for cutting, last-	
	ing well. \(\frac{1}{4}\) oz., 25 cts	

### WHITE-LEAVED CENTAUREAS.

(Dusty Millers.)

Fine for bedding, vases, hanging baskets and pots; also extensively used for margins. As an edging to a bed of dark-leaved Cannas or Scarlet Sage these are particularly effective. Sow the seed early indoors, and transplant in May. The white-leaved seed early indoors, and transplant in May. Cinerarias are also known as Dusty Millers. See p. 79.

1871	Candidissima.	Silvery	white;	leaves	broadly cut.	
	Per 1000 seeds,	50 cts				15
1879	Gymnocarna	Fine-cut	silvery 1	foliage.	11 feet Per	

## **CENTAUREAS**

Under this name is included such popular annuals as the Cornflowers, Sweet Sultans, etc. They are favorites in all sections of the country, are perfectly hardy, will grow and do well almost anywhere, and are much in demand as cut flowers.

### CORNFLOWERS (Centaurea Cyanus).

These are also known as Bachelor's Buttons, Blue Bottle. Ragged Sailor, Bluet, Kaiser Bloom, and sometimes as Ragged Robbin, but which name belongs to one of the Lychnis and frequently results in confusion. It is always best to order by the botanical names. They are well known to every flower lover, and always included in old-fashioned gardens. They usually re-seed themselves, coming up year after year. A bunch of the blue sorts, with a few yellow Calliopsis, Marigolds, Calendulas or California Poppies, makes a very rich combination.

		PER PKT.
	1876	Cyanus Blue. The favorite dark blue sort so much
		in demand for cutting. Per oz., 30 cts 5
	1877	= Rose. Per oz., 30 cts 5
	1878	— White. Per oz., 30 cts 5
	1880	- Mixed. Blue, white, rose, etc. Perroz., 25 cts., 5
	1881	- Double Blue. This was introduced by us in 1907,
		and is now a standard variety and largely used by the
		commercial florist, who quickly recognized its value as
		a cut flower. It is identical in color to the popular
		single blue variety, which is so much in demand for
		cutting especially for buttonieres, but, being a full,
Ì		double flower, it takes fewer of them to make a nice
ł		bunch, and it is better in every way. \( \frac{1}{4} \) oz., 50 cts.;
l		2 pkts., 25 cts
1	1890	- Double-flowered Mixed. All colors, including
ļ		blue, rose, white, etc. Per oz., 50 cts 10



CENTAURRA IMPERIALIS (Royal Sweet Sultan)

1 11 11 1:

# Chrysanthemums.

ANNUAL VARIETIES.

Showy and effective garden favorites, extensively grown for cut flowers. The following hardy annuals are summer-flowering border plants, and quite distinct from the hardy perennial and autumnflowering varieties.

1925 Inodorum Plenissimum (Double White Mayweed).

Makes a bushy plant about 2 feet high, with fine feathery foliage and pure white, intensely double flowers, which are produced from mid-summer till frost; splendid for cutting.

\[ \frac{1}{4} \text{ oz., 25 cts} \]

10

1926 Segetum, Evening Star, or Helios (Corn Marigold, or Annual Golden Marguerite). A splendid variety for cutting; flowers 3 inches across, of pure golden-yellow; in general appearance resembles the yellow Paris Daisy. 1 oz., 25 cts

1923 Coronarium, Double Mixed. Yellow, white, etc., (See cut.) Oz. 30 cts ....... 5

SHASTA DAISIES.

(Chrysanthemum Leucanthemum.)

1948 Alaska. A splendid hardy perennial variety, with flowers rarely less than 5 inches across, of the purest glistening white, with broad overlaping petals,

1950 Shasta Daisy. A general mixture saved from a large number of extra choice hybrids, and certain to produce a large number of varieties of great merit. 2

### 1948 Alaska.

The Cardinal Climber

SINGLE ANNUAL CHRYSANTHEMUMS

No introduction of recent years has met with more favorable comment than this brilliant annual climber. Beautiful alike in flower and foliage, it is the most striking novelty of a decade. For description see Novelties and Specialties, pages 53 to 62.

### CHRYSANTHE-MUMS.

PERENNIAL VARIETIES.

1951 Hardy Pompon. A fine strain of the old-fashioned hardy fall-flowering sorts, with double-button-like blossoms. Mixed colors . 25

1946 Maximum King Edward VII (Moon-penny Daisy). Considered the finest of all, with flowers of extraordinary size, of purest white, perfect form, and exceedingly free-flowering. A splendid addition to this useful hardy perennial. 2 pkts. for 25 cts . . . . . 15



CHRYSANTHEMUM CORONARIUM

### CERASTIUM.

(Snow in Summer.)

1911 Tomentosum. A very pretty dwarf, white-leaved edging plant, bearing small white flowers; hardy perennial.... 15

#### CINERARIA.

Beautiful flowering plants for the house or conservatory during the

spring months,

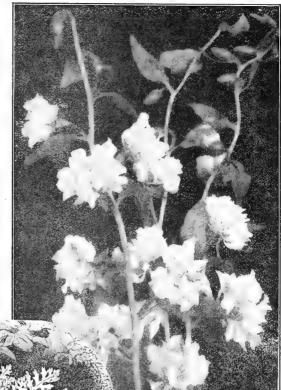
Seed should be sown from May to September for succession. Where only one sowing is made, July should be preferred. Cinerarias grow so freely that the seedlings may go straight from the seedpans to thumb-pots. After transplanting, place in a cold frame facing north, if possible. When the pots become full of roots, shift into larger ones till the flowering size is reached. Our prize strain is justly celebrated for all good qualities, being especially noted for size, coloring and texture.

1963	Dreer's Prize Dwarf. Extra fine	35
1964	Dreer's Prize Tall. Very large flowers	35
	Matador. The new, large flowering scarlet, which adds	

considerable life and brilliancy to a collection 1966 Stellata (Star Cineraria). A charming variety, with large spreading panicles of starry flowers in the same variety of colors as the ordinary Cineraria; the extreme grace and elegance of the plant and flowers make them wonderfully effective for the decoration of the house and conservatory and especially so for church decoration; also useful for cut-

WHITE-LEAVED CINERARIA. (Dusty Millers.) 1971 Maritima Candidissima. These, as well as the white-leaved Centaureas offered on page 77, are called "Dusty Millers." Fine for bedding, ribbon-beds and margins; prized for their beautiful downy,

silvery foliage; half hardy perennials; 2 feet. 4 oz., 25 cts.....



### CLARKIA

### CLARKIA.

This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are now seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade growing 2 to 21 feet

high, with leafy racemes of double flowers, which all open in water when cut. (See cut.)

CINERARIA MARITIMA

	A DIV A	** * .
1981	Alba Fl. Pl. Very double, pure white	10
	Brilliant. Rich crimson scarlet; very double	
1982	Salmon Queen. Extra double, salmon-pink	10
1983	Scarlet Queen. A brill ant orange-scarlet; a rare	
	shade	10

A pkt. each of the 4 sorts, 30 cts.

### CLEOME (Giant Spider Flower).

2002 Gigantea. In our trial grounds this proved to be the finest Cleome we had ever seen. The plant attains a height of 3½ feet, well branched, each branch terminated by a large head of bright rosy-crimson flowers. It makes a striking subject for large beds or for interspersing in the shrubbery border, and is used extensively in many of the public parks. Seed should be sown in the open ground as soon as the weather is warm and settled, and the plants given sufficient room to develop their full 

2003 Gigantea Alba. A splendid pure white variety... 10



CLEOME GIGANTEA

### COBÆA (Cups and Saucers Vine).

A climber of rapid growth, attaining a height of 30 to 50 feet during the season; valuable for covering trellises, arbors, trunks of trees, etc.; will cling to any rough surface. In sowing, place seeds edyewise and merely cover with light soil; to get early results start the seed indoors in March or April; can also be sown out-of-doors in May. (See cut.)

PER PKT. 2021 Scandens. Large, bell-shaped purple flowers. Per 1/4 oz., 25 cts... 2022 Scandens Alba. Pure white. 

### COLEUS (Flame Nettle).

2040 Dreer's Hybrids. Our strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. A most interest-

2041 Ornatus. Splendid large-leaved variety, with strikingly handsome variegated foliage; of great value for all decorative purposes .

### COREOPSIS.

2071 Lanceolata Grandi= flora. This is one of the finest of hardy plants, with large, showy, bright yellow flowers produced in the greatest abundance from June till frost. As a cut flower they stand near the headamong hardy plants, having long stems and lasting in good condition a week or more. Easily grown from seed, flowering the first year if sown early. (See cut.) 



Convolvulus (Morning Glory)

COBEA SCANDENS

### Major, or Climbing Morning Glories.

Deservedly very popular, as they are one of the most free-flowering and rapid growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers are unsurpassed. Soaking the

seeds in warm water for an hour or two hastens germination; annuals 15 (See cut.)

2060 Mixed. All colors. Per oz., 20 cts.....

2061 Double Flowering. About 80 per cent. of the seedlings will produce double flowers, the remainder semi-double or 

2059 Imported Collection of 10 varieties..... 30 Imperial Japanese or Emperor Morning Glories are

offered on page 93.

## Minor, or Dwarf Morning Glories.

While these are called dwarf Morning Glories, they really remain open all day in fine weather, and are rich colored, handsome dwarf plants, and not as well known as they should be; they make a fine border, or can be grown in masses in beds, producing an unusually brilliant effect.

2053 Minor Roseus Superbus. A very atttractive sort, with glistening satiny rose-pink flowers. Per oz., 25 cts ..... 5

2052 Minor Tricolor, Mixed. A very large range of color, from pure white to deep purple; annual; 1 



CONVOLVULUS MAJOR (Morning Glory)





Mammoth Perfection Cosmos

### COSMOS.

Beautiful autumn-blooming plants. They produce thousands of beautiful flowers in pure white, pink and crimson shades, furnishing an abundance of cut blooms for autumn decorations

when other flowers are scarce. Should be sown in spring in the open ground, when danger of frost is past, or the seed may be started under cover and afterwards transplanted. Plant not less than 18 inches apart in rows or in masses in beds. When the plants are about a foot high the tops should be pinched out to induce a bushy growth. They prefer a rather light, not too rich soil, but do well almost anywhere. The sorts offered below produce the finest flowers, but bloom late, and for points north of Philadelphia it is safer to get the extra early flowering type.

Mammoth Perfection. A magnificent selection, bearing flowers of	
mammoth size and perfect form, and representing the highest development	
in Cosmos to date. We offer it in the following colors:	
2081 Crimson. Rich and deep. 1 oz., 25 cts 10	
2083 <b>Light Pink.</b> A popular color. ½ oz., 25 cts	
2033 Pure White. ½ oz., 25 cts	
A packet each of the three colors, 25 cts.	
2000 Mixed Mammoth Perfection. ½ oz., 20 cts 10	
2084 Giant Pink Lady Lenox. This, the latest development in this	
popular autumn flower, bears gigantic flowers, with wide, overlap-	
ping petals of splendid substance, making a perfectly circular flower,	
which is borne on very long stems, in color a beautiful deep rosy-	
pink. ½ oz., 40 cts	
2085 Giant White Lady Lenox. A new white flowered form of the	

above. ½ oz., 50 cts... 15 above. \(\frac{1}{4}\) oz., \(\frac{50}{60}\) cts.

2100 Large-flowering, Mixed. A very good grade. \(\frac{1}{4}\) oz., 15 cts., 2092 "Klondyke." Golden-yellow, flowers borne on long stems and measure from 2½ to 3½ inches across. To get this variety in bloom before frost in the States north of Virginia it should be grown in pots or boxes, so that the roots are confined, thus throwing it into flower. . 10

### EXTRA EARLY COSMOS.

Seeds sown in the open ground April 27th produced plants that were covered with bloom July 20th, two months before the late-flowering kinds. While the flowers are not so large as the late sort, they are of good size, having been greatly improved in the last year or two, and will undoubtedly perfect their Llooms in the most northerly States.

	PER ¼ OZ.	PER PKT.
2091	Dawn. White, flushed pink 20 cts.	10 cts.
2094	Deep Crimson. Very rich30	10
2095	Pink. A pretty shade	10
2096	Pure White30	10
	A pkt. each of the 4 colors for 30 cts.	
2097	<b>Mixed.</b> All colors. \(\frac{1}{4}\) oz., 25 cts	10

### CYCLAMEN.

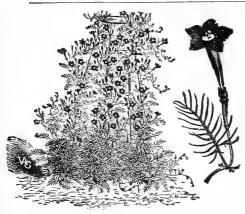
Charming house plants, with beautiful foliage and rich colored, fragrant flowers; universal favorites for winter and spring blooming. The Giant varieties have large leaves and stout flower stalks, throwing the flowers well above the foliage. Seed may be sown any time during the spring or autumn. The strains we offer are unsurpassable, and are now grown by many of the leading professional Florists.

	PFR	PER
	100 SEEDS.	
2120 Persicum. A very fine strain, not so la	rge,	
but easier to grow than the Gian's, mi	xed	
colors	\$0 60	15
2125 Giant Pure White	1 00	25
2126 - White with carmine eye	1.00	25
2127 — Dark Blood-red	1 00	25
2128 — Delicate rose with deep crimson eye.	1 00	25
2130 - Finest Mixed. Saved from a sur	perb	
collection	1 00	25
2122 Wonder of Wandsbek. The new salm	non-	
colored giant-flowering variety, the brig	hest	
of all	1 75	35
. 2123 Butterfly. In this type the edges of t	he flowers a	re
beautifully fringed or waved; for house	or conserv	a-
tory decoration they are of surpassing be		
colors		50



GIANT CYCLAMEN





CYPRESS VINE

### COWSLIP (Primula Veris).

2112 Invincible Giant. Quite distinct from the ordinary Cowslip, both in the stronger growth of the plant and in the massive flowers, which are borne on stout stems 12 to 15 inches high. The colors range from pure yellow and orange to the deepest scarlet and crimsons..... 25



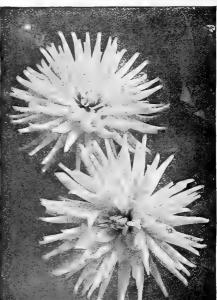
DATURA CORNUCOPIA

### CYPRESS VINE.

(Ipomoea Quamoclit.)

One of the most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours. 15 feet.

PER PKT.
2156 Scarlet. Per oz.,



DOUBLE CACTUS DAHLIAS

### DAHLIAS.

One of the best late summer and autumn flowering plants, and now enjoying a wide popularity; the double sorts will bloom the first season if the seed is sown before the beginning of April; the single sorts will bloom from seed sown in the open ground as late as June, although an earlier start is better.

2186 Twentieth Century. In size the flowers are giants, 4½ to 7 inches across, and in color vary from almost pure white

### DATURA (Trumpet Flower).

Ornamental annuals, with large and showy flowers, making handsome plants, 2 to 3 feet high.

### DELPHINIUM (Hardy Perennial Larkspur).

Mr. W. C. Egan, the well-known amateur and writer on horticultural subjects, says of Delphiniums:

"Sow the seeds in early spring indoors or in hotbeds in shallow boxes. When the seedlings are about three-quarters of an inch high, transplant to flats three or four inches apart each way, and a week or ten days before planting out time remove the flats to open air, protecting them cold days or nights; this hardens them off and prevents any set-back when planted out.

"Spring-sown plants bloom in July and August. They take up very little room, for they may be planted six to eight inches apart the first season. The following spring the choicer ones may be planted in permanent quarters in groups of three or more, or in larger groups in the shrubbery border or to the rear of hardy perennials, two or three feet apart. In two or three years they should be taken out, the beds heavily manured, the plants reset and more room given each plant."

They can also be sown in the open ground in spring, but

would not likely flower until the second year.

We also offer among other specialties, on pages 53 to 62, a number of the very choicest of the new hybrids:

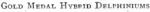
2238 Gold Medal Hybrids. This is an extra fine strain of strong, vigorous habit, with immense spikes from 2 to 3 feet long of large flowers, mostly in fine shades of 

2218 Belladonna (Everblooming Hardy Larkspur). This is the freest and most continuous blooming Hardy The clear turquoise-blue of its flowers is Larkspur. not equalled for delicacy and beauty. A really exquisite 



DIGITALIS GLOXINIÆFLORA





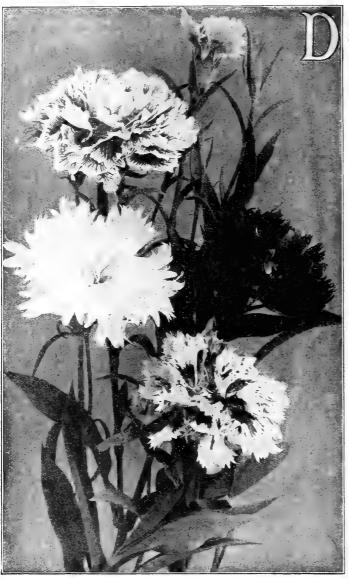
PER PK	ж.
2222 — Album. The white-flowered form. \(\frac{1}{4}\) oz., 25 cts	5
2225 Elatum (Bee Larkspur). Rich blue of various shades with black centres;	
grows 3 to 5 feet high. $\frac{1}{4}$ oz., 30 cts	10
2231 Formosum. Beautiful spikes of rich blue flowers, with a white centre; 2½	
feet. Per $\frac{1}{4}$ oz., 30 cts	5
2232 — Cœlestinum. Exquisite celestial blue, with white centre; a beautiful	
variety. ½ oz., 50 cts	15
2236 Hybridum Fl. Pl. Finest double mixed in great variety of charming colors.	
<sup>1</sup> / <sub>4</sub> oz., 50 cts.	15
For New Named Hybrid Delphiniums see Novelties and Specialties, pages	53
to 62.	

### DIGITALIS (Foxglove).

Handsome and highly ornamental hardy plants of stately growth, succeeding under almost all conditions, and with but little attention will give a wealth of flowers during June and July. They are now used extensively with good effect for naturalizing in shrubberies, the edge of woods and other half-shady places; 3 to 5 feet.

Gloxiniæflora. This is a fine strain of the ordinary Foxglove D. purpurea, with handsome spotted Gloxinia-like flowers on long spikes. PER PKT.

23-6	<b>Purple.</b> \(\frac{1}{4}\) oz., 30 cts	10
2357	Rose. \(\frac{1}{4}\) oz., 30 cts	10
2358	White. \(\frac{1}{4}\) oz., 30 cts	10
	Gloxiniæflora, Mixed. All colors. \(\frac{1}{4}\) oz., 25 cts	
2366	Grandiflora. Light yellow flowers in good spikes. \(\frac{1}{4}\) oz., 25 cts	5
2367	Maculata Superba. An extra choice strain of beautifully spotted sorts. $\frac{1}{4}$	
	oz., 30 cts	10
2370	Monstrosa (Mammoth Foxglove). Long spikes, surmounted by one enor-	
	mous flower; very odd; all colors mixed. $\frac{1}{4}$ oz., 40 cts	10



GROUP OF DOUBLE ANNUAL PINKS

PER PKT. 2287 Mirabilis Fl. Pl. (Double Marvellous Pink). Large, wonderfully fringed double flowers on long, stiff stems, the colors ranging from pure white through all the shades of rose to dark crimson............ 10 2288 Lucifer. A new double-flowering form of the bright geranium-red single Pink Vesuvius, offered on next page. The nicely fringed double flowers are about 2 inches across, and, owing to its intense, dazzling color is sure to become a great favorite. \(\frac{1}{4}\) oz., 50 cts..... 10

# IANTHUS OR PINKS

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The varieties classed as annuals are really biennials, but are treated as annuals and may be sown out of doors when the danger from frost is past, and in a few weeks' time they are a mass of bloom, continuing so until after hard frost. As a rule, they survive the winter if given slight protection, flowering abundantly the following season. They grow about a fcot high and can be used in beds or borders of solid or mixed colors. The double flowering sorts are almost as fine as Carnations for cutting. are not particular as to soil, but should have a sunny location.

### DOUBLE ANNUAL PINKS.

KT.	PER P	
5	Chinensis Fl. Pl. (China or Indian Pink). Blooms in clusters, flowers very double and in a large range of bright colors. \(\frac{1}{4}\) oz. 25 cts	2250
10	Violet Queen. Rich violet, an unusual shade. \(\frac{1}{4}\) oz., \(\cdot 0\) cts	<b>22</b> 55
5	Diadematus Fl. Pl. (Double Diadem Pink) Beautiful double flowers; mixed, of variets tints of lilac, crimson, purple, to very dark purple, with the outer edges fringed and nearly white. Per 4 oz., 30 cts.	2260
5	Snowball. Large double white, splendid for cutting or as a border. Per $\frac{1}{4}$ oz., $30$ cts	<b>22</b> 66
5	Mourning Cloak (lihite Frill). Rich, blackish, velvety crimson, margined with pure white. 4 oz., 30 cts	<b>2</b> 267
15		2268 2270
. 5	Fireball. Rich, blood-red flowers. Makes a striking contrast to the pure white variety Snowball. 4 oz., 30 cts	2277
	Imperialis Fl. Pl. (Double Imperial Pink.) Double mixed in a very large	2280
5	range of colors. Per 1 oz, 25 cts	9088

variety of colors. Very gay. \(\frac{1}{4}\) oz., \(\frac{30}{2}\) cts. 2290 Laciniatus Fl. Pl. (Double Fringed Pink). Large, double, showy flowers, with fringed edges, in a great variety of colors, including beautifully striped

2283 Striped Beauty. Striped in great

2300 Nobilis Fl. Pl. (Double Royal Pinks). A double flowering form of the Royal Pinks. Flowers of largest size, varying in color from scarlet to dark blood-red and rose to white. 1/4 oz., 50 cts........................... 10

### Dreer's Collection of 12 "Brilliant" Dianthus

We illustrated in colors a few years ago twelve of the best varieties, including six double and six single-flowering sorts. Many favorable reports have been received, and they are now used annually in many of the finest gardens. We again offer the same collection, which contains a packet each of the following, which are described above and on the next page.

Double Fireball	Double Mourning Cloak	Single Eastern Queen	Single Vesuvius
" Snowball	" Striped Beauty	· · Princess	" Crimson Belle
" Salmon King	" Violet Queen	" Nobilis	" Marvellous
2289 Collection of Dree	r's 12 "Brilliant" Pinks, as no	ted above	60 cts.

## DIANTHUS, or PINKS.

### SINGLE ANNUAL PINKS.

All the single sorts have large flowers 2 to 3 inches in diameter; their many and brilliant colors make them very desirable for beds and borders; 1 foot.

2301 "Crimson Belle." Rich velvety-crimson. Per 1/4 oz., 25 cts. 5 2302 "Eastern Queen." Beautifully marbled rose and mauve

flowers. Per ¼ oz., 25 cts.... 2303 Nobilis (Royal Pinks). Selected and improved varieties of the popular single-flowering Japan Pink. The colors vary from white to dark red.  $\frac{1}{4}$  oz., 40 cts...... 10

2310 Heddewigi (Single Japan Pink). Finest selected single-flowered, mixed. Per 1/4 oz., 25 cts..... 5

2315 Punctatus (Princess Pinks). A very novel variety, with fringed flowers, mottled, flaked, spotted and striped in the greatest diversity of 

2316 Marvelous. This remarkable strain produces large flowers, with the petals deeply cut into fine strips of thread-like fringes; all shades from pure white to deep purplish-red.  $\frac{1}{4}$  oz., 40 cts..... 10

2317 "Salmon Queen." The well-formed, nicely-fringed flowers are a brilliant salmon color, changing into a salmon-rose when fading. The seeds of this variety are white or yellowish-white; those of other annual Pinks are dark brown or black. Per 1 oz., 40 cts...... 10

2319 Vesuvius. Brilliant geranium-red, makes a very effective bed or border. Per 1/4 oz., 50 cts ... ... 10

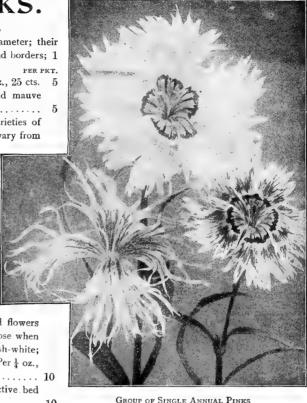
2320 Laciniatus (Single-Fringed Pink). A beautiful fringed variety; various colors. Per \( \frac{1}{4} \) oz., 25 cts \( \ldots \) 5



This fine collection contains a packet each of six of the best double and six of the best single sorts. For details see foot of previous page.



DIANTHUS LATIFOLIUS ATROCOCCINEUS, FL. PL.



### HARDY GARDEN PINKS.

(Dianthus.)

These varieties are well adapted for beds and borders; delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted, and make a fine edging to a hardy border. PER PKT.

2340 Plumarius (Grass Pink, Scotch Pink, or Pheasant-eye Pink). A beautiful single hardy Pink, with fringed-

2337 Plumarius Fl. Pl. (Double Hardy Garden Pinks). Double and semi-double varieties in beautiful colors. \(\frac{1}{4}\) oz., \(\frac{50}{0}\) cts.... 10

2338 Plumarius Nanus Fl. Pl. (Double Dwarf Erfurt Clove Pink). This new strain is of compact growth and early flowering, coming into bloom two weeks or more in advance of any other variety. They possess the spicy clove fragrance of the oldfashioned Pink, and have a much richer variety of coloring. 2 

2336 Semperflorens (Everblooming Hardy Garden Pink.) Very beautiful, sweet-scented, double, semi-double and single 

2342 Latifolius Atrococcineus Fl. Pl. (Everblooming Hybrid Sweet William). This is a cross between an annual Pink and a Sweet William, combining the free and continuous blooming qualities of the former with the hardiness of the latter; in color an intense velvety crimson-scarlet; blooms the first year from seed and one of the finest subjects for any position in the garden.... 15

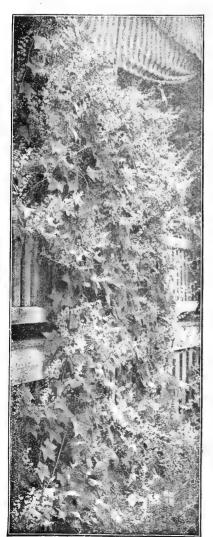
2343 Latifolius Double Mixed. In addition to the brilliant crimson-scarlet sort offered above, this mixture contains, purple, 

# HENRY A DREER PHILADELPHIA PA PA RELIABLE FLOWER SEEDS

### DIMORPHOTHECA (African Golden Daisy).

### DOLICHOS (Hyacinth Bean).

A rapid-growing annual climber, flowering freely in erect racemes, followed by ornamental seedpods; for covering arbors, trellises, etc. Sow the seed in the garden in May where they are to remain; 10 feet. (See cut.)



ECHINOCYSTIS LOBATA

2377 "Daylight." This grand Hyacinth Bean comesfrom Japan. In our trial ground seed sown late in May had by the middle of July

attained a height of over 10 feet, and was covered with spikes of snow-white pea-shaped blossoms from then until late fall. The heart-shaped foliage is bright green and not affected by insect pests.... 10 2376 "Darkness." Identical in every

way to the above, except in color, which is a rich purple-violet..... 10
2380 Lablab, Mixed. Purple and white. Per oz., 20 cts...... 5

DRACÆNA (Dragon Plant).

### ECHINOCYSTIS.

(Wild Cucumber Vine).

2401 Lobata. One of the quickest growing annual vines we know of; splendid for covering trellises, old trees, fences, etc. Clean, bright green foliage and sprays of white flowers during July and August. (See cut.) Per oz., 30 cts .... 5

### ECHINOPS (Globe Thistle).

2404 Ritro. Striking hardy perennial plants, withhandsomesilvery thistle-like foliage and fine steel-blue flowers in round heads, which can be used for cutting. Excellent for the back of the hardy border among other tall plants; 3 to 5 feet..... 10

### ERYNGIUM (Sea Holly.)





Dolichos (Hyacinth Bean)





ESCHSCHOLTZIA (California Poppy, Gold Cups). Very attractive annuals for beds, edgings, or masses; profuse-flowering, fine-cut, glaucous foliage; in bloom from June to frost; the Golden sorts and the blue Larkspur or Cornflower form a beautiful combination, either in the garden or when cut; 1 foot. (See cut.)

	PER P.	KT.
2423	Californica. Bright yellow. Oz., 30 cts	5
2425	- Aurantiaca. Rich orange. Oz., 30 cts	5
2432	Cross of Malta. Pure yellow with orange blotch at base of petals, forming a Maltese Cross; light greygreen foliage. Oz., 30 cts	5
<b>24</b> 31	Caniculata Rosea. Beautifully fluted flowers of a bright rosy-pink. Oz., 50 cts	10 nam

### ERYSIMUM (Fairy Wallflower).

2411 Perofskianum. We sent out for trial the past two seasons a number of packets of this annual, and have received so many favorable reports that we have concluded to add it to our list. The plants grow about 18 inches high, bearing throughout the summer dense racemes of brilliant orangeyellow Wallflower-like flowers, a rather unusual color in annuals. It is of the simplest culture. Sow the seed in the open ground in spring and give it a sunny position. Oz., 25 cts..... 5

### EUPHORBIA.

Strong-growing annuals, suitable for beds of tall-growing plants or mixed borders; the flowers are inconspicuous; the foliage,

however, is exceedingly ornamental. PER PKT.



EUPHORBIA VARIEGATA (Snow on the Mountain)

2452 Variegata (Snow on the Mountain). Attractive foliage; veined and margined with white; 2 feet. (See cut.) Per oz., 30 cts....

2451 Heterophylla

(Annual Poinsettia, Mexican Fire Plant, Painted Leaf). An annual resembling in habit and color the beautiful hothouse Poinsettia. The plants grow 2 to 3 feethigh, of branching, bush-like form, withsmooth, glossygreen leaves which about midsummer become a beautiful orange-scarlet, pre-

the outer side brilliant scarlet. Per oz., 30 cts..... 2428 Golden West. Very large flowers; buttery-yellow, with orange centre. Oz., 50 cts..... ned sorts....

### EUPATORIUM (Thorough Wort).

Strong-growing, hardy perennials, well suited for naturalizing, and deserve a place in every hardy border; they will grow and thrive in almost any situation; will flower the first year if sown early.

2442 Ageratoides. A very useful variety, growing 3 to 4 feet high, with dense heads of minute white flowers from August to October.....

2443 Cœlestinum. One of the best blue perennials, 18 to 24 inches high, and bears from August till frost an abundance of deep lavender-blue, flossy flowers, splendid for cutting.....

2441 Fraseri. A very pretty dwarf variety, producing clusters of snow-white flowers; fine for cutting and 



EUPATORIUM AGERATOIDES AND CŒLESTINUM

senting a striking and brilliant ap-

### GAURA.

2511 Lindheimeri. A graceful perennial 3 to 4 feet high, bearing numerous spikes of rosy-white flowers from July till frost. This plant is largely used throughout Europe for interspersing in beds of Begonias, Geraniums, etc., giving an air of grace to what would otherwise be stiff 

### GERANIUM (Pelargonium).

2530 Zonale, Mixed. A superb strain of the largest and finest varieties. Very interesting to grow from seed which should be started indoors and transferred to the 

### GEUM (Avens).

2541. Atrosanguineum Fl. Pl. Beautiful hardy perennial, bearing profusely large, showy double dark-crimson flowers all through the summer; an elegant flower for bouquets. (See cut, page 89.) 1/4 oz., 40 cts...... 10

### **GLOBE** AMARANTH.

(Gomphrena.)

Popularly known as "Bachelor's Buttons," a first-rate bedding plant, the flowers resemble clover heads and can be dried and used in winter bouquets. Cornflowers and a number of other flowers are also known as Bachelor's Buttons, and in ordering it is well to order by number to prevent mistakes. (See cut.)

2567 Nana Compacta.

Red; 1 foot.  $\frac{1}{4}$  oz., 25 cts..... 2570 Mixed. 2 feet. 1/4 oz., 20 cts.....



GAILLARDIA PICTA LORENZIANA

### GAILLARDIA.

(Blanket Flower) Annual Varieties.

Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer till November; excellent for beds, borders, or for cutting; should be sown where they are to bloom;  $1\frac{1}{2}$  feet.

2495 Amblyodon. Rich blood red; 2496 Picta. Crimson and orange. 1

2500 Picta Mixed. Single sorts; fine colors. \(\frac{1}{4}\) oz., 20 cts....... 5 2498 Lorenziana. "The Bride." The double annual Gaillardias

have always been favorites both as cut flowers and for bedding, and this new very double creamy-white sort is particularly desirable for 

2497 Lorenziana Mixed. A charming, profuse, double-flowering strain; beautiful mixed colors. (See cut.) ½ oz., 30 cts....... 5

### Hardy Perennial Varieties.

The following are among the showiest and most effective hardy perennial plants, and should find a place in every hardy border. They thrive in almost any position or soil, require little or no protection and take care of themselves. If sown early they begin flowering in July, continuing a mass of bloom until frost; fine for cutting; 2 feet.

2503 Kermesina Splendens. Centre rich crimson, narrow canary-

plants 12 to 15 inches high, and bearing its long-stemmed flowers well above the foliage. In coloring the flowers are as rich and 

2510 Grandiflora Superba. Our own saving. Splendid combinations of crimson and gold in great variety. \(\frac{1}{4}\) oz., 30 cts......10



### GODETIA.

Attractive hardy annuals, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil. 1 foot. (See cut.) PER PKT.

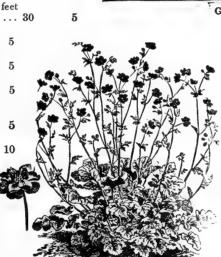
2585 Brilliant. Glowing carmine-rose, very bright and	
satiny. ½ oz., 20 cts	5
2586 Duchess of Albany. Pure white, of compact	
growth. ½ oz., 20 cts	5
2587 Gloriosa. Large, satiny, brilliant blood-red flowers;	
richest colored of all. ½ oz., 25 cts	10
2588 Rosamond. A new sort, of dwarf habit and large,	
glossy shell-pink flowers; makes a beautiful border.	
½ oz., 25 cts	10

### 2590 Mixed. All colors. Per oz., 30 cts...... 5 ORNAMENTAL GOURDS.

Rapid growing, interesting annual climbers, with ornamental foliage and singular shaped fruit; 15 to 20 feet. Our illustration shows the twelve kinds offered below: PER OZ. PER PET.

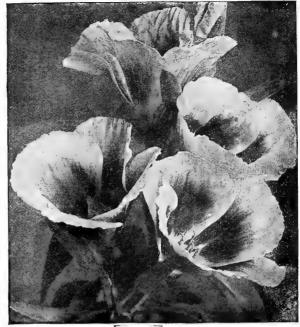
PER	oz.
	30
2611 Bottle-shaped. No. 10	30
2612 Dipper, or Calabash. No. 7	30
2613 Egg=shaped. Fruit white like an egg.	-
No. 4.	30
2614 Hercules' Club. Club-shaped; 4 feet	00
long. No. 12	30
2615 Luffa (Dish-rag, Sponge or Bonnet Gourd). No. 9 30 5	
2616 Orange=shaped ( <i>Mock Orange</i> ), No. 3	
2617 Pear-shaped. Striped; very	
showy. No. 2	
2618 African Pipe. The stem ends of	
the fruits are much used in making	
pipes. No. 8	,
2619 <b>Spoon.</b> A very <b>o</b> dd variety. No. 5	
2621 Knob Kerrie. A very orna-	- 1970
mental variety, bearing fruits	
having a slender stem 3 to 5	
feet long, with a round knob	1
or ball on the end. No. 6., 30 5	1
2622 Turk's Turban. Red	L
striped. No. 11 30 5	1 (
2629 Collection of the above 12	
varieties, 50 cts.	

2630 Mixed Varieties.



5 5 5

GEUM (Offered on opposite page)



GODETIA.

### GLOXINIA.

A superb genus of greenhouse plants, producing magnificent flowers of the richest colors; thrives best in an equal mixture of peat, loam and sand. Sow in March.

### 2578 Hybrida Grandiflora.

An unsurpassed strain, containing the spotted hybrids as well as the finest selfcolored sorts.......... 25

### GOLDEN ROD.

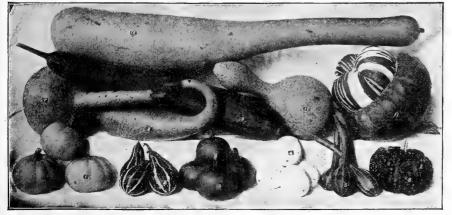
(Solidago Canadensis.)

2601 The well-known golden yellow favorite; hardy perennial; 2 to 5 feet ... 10

### GREVILLEA.

(Silk Oak.)

2681 Robusta. A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed, producing good-sized plants in a short time; hardy in Florida and California, where it is popular as an ornamental tree .... 10



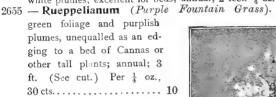
ORNAMENTAL GOURDS

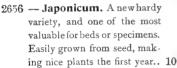
# HENRY A DREER - PHILADELPHIA - PA - 💸

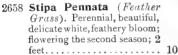
### ORNAMENTAL GRASSES.

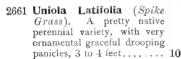
The ornamental Grasses serve the double purpose of rendering the mixed flower-bed or border attractive during the summer and for the use of the spikes or panicles in a dried state in winter bouquets. For large beds or groups on lawns nothing gives a finer effect, and they are now largely used in prominent positions in many of the finest public parks, etc. The following are the most popular varieties:

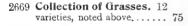
in prominent positions in many of the finest public parks, etc. The following	ow-
ing are the most popular varieties:	PKT.
2638 Agrostis Nebulosa (Cloud Grass). An airy and graceful an nual Grass, grows 18 inches high and looks like a line of mist when in bloom. Beautiful to mix with cut flowers. 4 oz., 30 cts	1
2640 Arundo Donax (Great Reed). Magnificent hardy sort	10
2641 Briza Maxima (Quaking Grass). In great demand for grass	5
2644 Coix Lachrymae (Job's Tears). Broad, corn-like leaves and hard, shining pearly seeds; annual. Per oz., 20 cts	1
2647 Eulalia Zebrina (Zebra Grass). Light green, barred with creamy white. Variegation runs across foliage	1
2648 - Variegata. Long, narrow, green leaves, striped with white	,
fine feathery plumes; very ornamental	7
plumes; perennial; blooms the second season	-
white plumes; excellent for beds; annual; 2 feet. 4 oz., 25 cts.	5













GYPSOPHILA ELEGANS ALBA GRANDIFLORA

HELENIUM RIVERTON BEAUTY

during the season to keep up a supply. (See Cut.) Per oz., 25 cts.

2694 Muralis. An annual sort which forms mounds of green 8 to 10 inches high, thickly studded with little pink flowers from early in the season till frost; fine for edging. Per \(\frac{1}{4}\) oz., 25 cts.

2692 Paniculata. White flowers, fine for bouquets; one of the favorite hardy perennials; blooms first year if sown early; 2 feet. \(\frac{1}{4}\) oz., 20 cts.

2695 Paniculata Fl. Pl. The new double-flowering Baby's Breath, and one of the finest hardy plants either for cutting or the hardy border. 3 pkt. for 50 cts.

2693 Acutifolia. A strong growing hardy perennial sort, 3 to 4 feet high, with large panicles of small white flowers in July; \(\frac{1}{4}\) oz., 25

### HELENIUM (Sneeze Wort).

Strong-growing hardy perennials, succeeding in any soil, and useful in the hardy border, giving an enormous crop of flowers in late summer.

2711 Autumnale Superbum. Golden yellow flowers; 5 to 6 feet.... 10

cone. 2 pkts. 25 cts...... 15

ORNAMENTAL GRASS.
PENNISETUM RUEPPELIANUM

### GYPSOPHILA.

(Baby's Breath.)

Pretty free-flowing elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers.

PER PKT.

2691 Elegans alba grandiflora. This is an improved large-flowering pure white form of the annual Baby's Breath, of free, easy growth, and grown by the acre in the suburbs of Paris and London for use with other cut flowers. Several sowings should be made (See Cut.) Per oz., 25 cts. 5





### HELIANTHUS (Sunflower).

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for

### SINGLE ANNUAL SUNFLOWERS.

The single Sunflowers are indispensable for cutting. Sown on a sunny spot in April or May they come into bloom early in summer, and keep up a constant supply of flowers until cut down by f. ost.

2701 Cucumerifolius (Miniature Sunflower). Small, single, rich yellow flowers. An abundant bloomer; 4 feet. \(\frac{1}{4}\) oz., 20 cts.....

2703 — Stella (Improved Miniature Sunflower). Differs from the above by its larger and better formed flowers of the purest golden yellow, with black disc. 1/4 oz., 20 cts.....

2702 — Orion. Artistic and effective new variety of "Stella." The petals are twisted like a Cactus Dahlia. 

2700 - New Miniature Mixed. A multitude of new varieties have been raised from the popular Miniature Sunflower, which we offer in mixture. They all differ from the parent, most of them being larger, and many with curiously twisted petals. The prevailing colors are pale yellow, golden yellow and creamy white, some with black centres, and all beautiful; for cutting they are indispensable. (See cut.) ½ oz., 25 cts.

2707 - Perkeo. A charming dwarf variety of the Miniature Sunflower. The plants form compact bushes about 12 inches high by 14 inches through. There are many positions, such as the front of borders or beds of plants of medium height, where this can be used to good advantage, flowering, as it does, from the end of June until cut down by hard frost. 1 oz., 30 cts.....

New Miniature Sunflowers

## DOUBLE ANNUAL SUNFLOWERS.

2697 Cucumerifolius Fl. Pl. The double-flowering form of the popular Miniature Sunflower. The flowers, while double, are quite free and graceful; of a bright golden-yellow 2696 Chrysanthemum-flowered. Rich golden-yellow flowers,

perfectly double, resembling a Chrysanthemum or Dahlia; 7 feet. (See cut.) Per oz., 40 cts.

2706 Nanus Fl. Pl. (Globe of Gold). Dwarf, double yellow flowers; 4 feet. Per oz., 30 cts.

2704 Globosus Fistulosus (Globe or Dahlia Sunflower). Flow-

ers large, double, of a rich saffron color; 6 feet. Per oz., 30

### Hardy Perennial Sunflowers.

2705 Mixed. Contains the finest single-flowering hardy perennial sorts. Seeds sown early will produce flowering plants the first year; as subjects for the hardy border as well as for cutting they are of great value. 1 

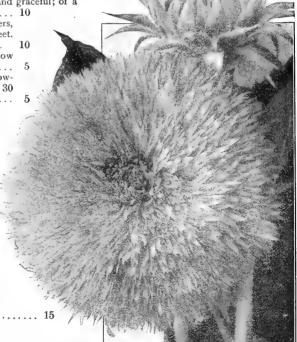
### **HELIOPSIS** (Orange Sunflower).

2731 Pitcheriana. A desirable hardy herbaceous plant, growing from 3 to 4 teet high, beginning to flower early in the season, and continuing the entire summer. The flowers are of a beautiful deep golden yellow color, about 2 inches in diameter, of very thick texture and

bearing golden yellow Zinnia-like flowers. In addition to being a very showy plant in the hardy border, it is one of the best perennials for cutting. 2 pkts., 25 cts......

### HEUCHERA (Coral Bells or Alum Root).

2761 Sanguinea. One of the finest hardy perennials. The flowers are of a rich, bright coral-red color; the leaves light green and slightly 



\* DOUBLE CHRYSANTHEMUM-FLOWERED SUNFLOWER





HELICHRYSUM (Straw Flower)

#### HELIOTROPE (Cherry Pie).

A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a greenhouse climber. Seed started indoors in the spring will make fine plants for summer blooming. Can also be sown outdoors in May.

2737 Lemoine's Giant. Of robust growth, and produces very large heads of flowers; mixed colors. \$\frac{1}{8}\$ oz., 50 cts. 15

2736 Regal. A new variety with immense flower heads of the Giant type, but of dwarf, compact growth; all shades. 25

2740 Mixed. All colors of the regular type. 1/8 oz., 40 cts.. 10 

### HIBISCUS (Marshmallow).

Showy ornamental perennial plants for mixed teds or shrubbery borders, having large-sized, beautifully colored flowers.

2774 Moscheutos. Rosy-pink flowers...... 5 2772 Crimson Eve. Flowers of the largest size, pure white. with a large spot of velvety-crimson in the centre ..... 10

2773 Giant Yellow, or Golden Bowl. Flowers from 6 to 9 inches in diameter; of a rich deep cream, with a velvetymaroon centre.....

2775 New Giant. Described and illustrated with other specialtieson pages 53 to 62. 2 pkts., 25 cts..........15

### HELICHRYSUM (Straw Flower).

2720 Monstrosum Fl. Pl. One of the best of "Everlastings." Exceedingly effective double flowers, making a fine display in beds or borders; they succeed in any rich garden soil; give them plenty of room to develop, planting not closer than 12 inches apart; hardy annuals; 21 feet. Mixed. (See cut.) Per  $\frac{1}{4}$  oz., 25 cts.... ....... 

HOLLYHOCK.

One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year. To get results this season it is necessary to get year-old plants. These we offer with other hardy plants under their proper head. (See cut.)

**DOUBLE VARIETIES.** 

The seed offered under this head has been saved from the finest double flowers only and is sure to produce satisfactory results.

	PER PKT. PER P	KT.
2782	<b>Maroon.</b> $\frac{1}{4}$ oz., 40 cts 10   2785 <b>Salmon=rose.</b> $\frac{1}{4}$ oz., 40 cts.	
2783	<b>Bright Rose.</b> $\frac{1}{4}$ oz., 40 cts 10   2786 White. $\frac{1}{4}$ oz., 40 cts	10
2784	Bright Red. \(\frac{1}{4}\) oz., 40 cts 10 \(\frac{2787}{4}\) Yellow. \(\frac{1}{4}\) oz., 40 cts	10
2790	Extra Choice Double Mixed. 30 cts. per 4 oz.; \$1.00 per oz	10
2788	Collection of a packet each of the above 6 colors	50
2781	"Allegheny." Mammoth flowers, wonderfully formed of loosely arranged	
	fringed petals, which look as if made from the finest China silk. The colors	
	vary from the palest shrimp-pink to deep red. The plants are of strong	
	growth, sen ling up spikes 6 to 7 feet high. 30 cts. per \(\frac{1}{4}\) oz.; \$1.00 per oz.	10
2791	Newport Pink. One of our own introductions and awarded a certificate	
	of merit by the Royal Horticuitural Society of England, an unusual honor.	
	It is the finest pure pink double variety, exquisite in shade, flowers very	
	double. 2 pkts., 25 cts	15
	SINGLE VARIETIES.	

Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. We offer the following distinct colors, also mixed, viz.:

	PFR PKT.	PER PK	T.
-2793	Black Maroon	2796 <b>Red</b>	ā
2794	Mauve	2797 White	5
2795	Pink 15	2798 Yellow 1	15
2780	Mixed. All colors. 1 oz., 30 cts.		10
<b>27</b> 99	Collection of a packet each of the	colors 7	75



DOUBLE HOLLYHOCK

PER PKT.

HONESTY (Moonwort, Satin Flower).

2801 Hardy biennials, admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance; 2 feet. \(\frac{1}{4}\) oz, 20 cts .....

### HUMULUS (Japanese Hop).

2811 Japonicus. A very ornamental and fast-growing climbing plant. The foliage resembles in shape that of the common Hop, is very dense, and in color a lively green; annual. 1 oz., 25 c's. ...

2812 - Variegatus. A variegated variety of the above. The leaves are beautifully marbled and splashed with silvery-white, light and dark green; very effective for screens, arbors, trellises. e.c. As with the green-leaved variety, it is never injured by insects nor affected by the heat but retains its bright variegated 



(Giant Yellow Tulip Poppy, or Bush Eschscholtzia,)

2821 Fumariæfolia. This is by far the best of the poppy family for cutting, remaining in good condition for several days. Seed sown early in May will. by the middle of July, produce plants covered with their large buttercupyellow, poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery 

### IBERIS (Hardy Candytuft).

1772 Sempervirens. A profuse white-blooming, hardy perennial, coming in flower early in the spring; much used for cemeteries, rockeries, etc. 1 foot. 15

#### IMPATIENS (Sultan's or Zanzibar Balsam).

Charming plants for the decoration of the greenhouse or dinner table, producing bright, waxy-looking flowers profusely and almost continuously. The young seedlings should be carefully handled, as they are exceedingly brittle at the outset.

2812 Sultani. Flowers of bridiant rosy-scarlet color..... 2845 Holstii Hybrids. Forms strong, bushy plants about 2 feet high, covered with attractive flowers, when grown as pot plants, they bloom the year Choice mixed, all colors....



HUNNEMANNIA

### IPOMŒA.



IMPERIAL JAPANESE IPOMŒAS

Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors or stumps of trees they are invaluable; it is well to soak the seed in warm water over night to assist in rapid germination. PER PKT.

2851 Bona Nox (Evening Glory). Rosy lilac flowers, expanding in the evening, of very rapid growth. Oz., 25 cts

2853 Grandiflora (Moon Flower). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter. It grows very rapidly and will cover a large surface. Per \( \frac{1}{4} \) oz., 20 cts.; per oz., 60 cts. **2158 Quamoclit Hybrida** (*The Cardinal Climber*). The

finest new annual climber introduced in many years. See Novelties and Specialties, pages 53 to 62.................... 15

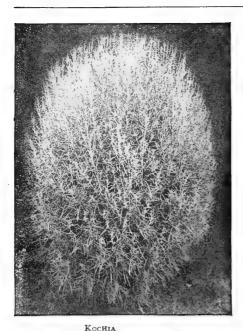
2854 Rubra Cœrulea (Heavenly Blue). Immense flowers of bright sky-blue; very beautiful.....

2855 Setosa (Brazilian Morning Glory). Flowers of pleasing rose color, borne very freely in large clusters from August to frost. As a quick growing vine it has no equal, covering an enormous space in a short time. Per oz., 30 cts.....

Imperial Japanese, or Emperor Morning Glories. These are beyond question the handsomest of all Morning Glories. Of the easiest culture, can be sown in the open ground in a sunny situation when the weather has become warm and settled; they soon cover a large area, and even before flowering are decidedly interesting on account of the varied forms of the foliage and their markings. The flowers are of gigantic size and their colorings beyond description; the self or solid colors range from snow-white to black-purple, with all the possible intermediate shades; there is also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc.

2880 Mixed Imperial Japanese. Saved from a grand collection, which we feel sure will produce results more than equalling our description of this wonderful plant.

and Convolvulus.)



IRIS (Flowering Flag).

PER PKT. 2890 Kæmpferi (Japanese Iris). This is one of the showiest of the "Flags," and now extensively used in the hardy garden. The seeds we ofter have been saved from our own unrivalled collection, and should produce only varieties of the highest merit. Blooms the second year from seed. If you want immediate results, it will be necessary to get plants; these are one of our specialties, and are offered on page 224. 1 oz., 25 cts ...... 10

### KOCHIA (Standing Cypress or Belvedere).

29I1 Trichophylla. An easily-grown annual, which, sown thinly in spring, soon forms a cypress-like hedge of the most lively green and of perfect symmetry; by midsummer it attains a height of about 3 feet, and on the approach of autumn the whole plant becomes a deep red; a splendid plant to divide the vegetable from the flower garden, or for forming a hedge for the summer for any purpose. 14 oz., 25 cts..... 5

### LANTANA.

2920 One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads of orange, white, rose and other colored flowers; 2 to 3 feet. Mixed colors.

## LATHVRUS

(Everlasting or Hardy Sweet

Showy, free-flowering hardy perennial climbers for covering old stumps, fences, etc., continually in bloom; fine for cut-

2954 Latifolius "White Pearl." The finest white variety ...... 15 – Pink Beauty. Rosy pink... - Mixed. All colors, Per oz., 40 cts.....

#### LAVENDER.

(Lavandula Vera.)

2971 Well known, sweetscented, hardy perennials, should be extensively grown in the mixed border; 3 feet. ½ oz., 25 cts.....



### LAVATERA (Annual Mallow).

2976 Trimestris Grandiflora Rosea. A very beautiful and showy annual, growing about 2 feet high and covered during the entire summer with large cup-shaped shrimp-pink flowers; in a border or bed the effect is very bright. Sow in May where they are to bloom and thin out to 12 inches apart. (See cut.) 1 oz.;



DOUBLE STOCK-FLOWERED LARKSPUR

### ANNUAL LARKSPURS.

This is one of the best know of garden flowers, and in recent years a vast improvement has been effected, by careful selection in size and color of the blossoms and the general habit of the plant. Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds or lines, and their free graceful habit and bright colors are very effective when interspersed in the oldfashioned flower or shrubbery border. They stand well when cut, and a vase of one or mixed colors is indeed charming.

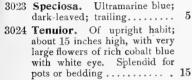
Double Stock-flowered. The finest variety with splendid spikes of beautiful double flowers. 21 to 3 feet. (See cut.)

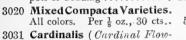
20	931	Dark Blue 10		
29	32	Lilac 10	2935 Sky Blue	10
29	933	Lustrous Carmine or	2937 Pure White	10
		Newport Pink 10		
29	940	Finest Mixed. All colors. 1	oz., 20 cts.; oz. 60 cts	10
			e above 6 colors	
29	30	Dwarf Rocket. Fine double-m	nixed; 18 inches. Oz., 30 cts	5

### LOBELIA.

The following choice varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November. Cardinalis is one of the finest native hardy perennials:

3012 C	Crystal Palace Compacta. Rich deep blue; dark foliage;	
	he finest dark blue for bedding. Per 1 oz., 50 cts	10
0013 E	Emperor William. A very compact variety; sky-blue	
	lowers	10
3014 F	Heterophylla Major. One of the best. The plant forms	
d	lense globular bushes about 6 inches high, completely smoth-	
e	red with large flowers, of a most brilliant sky-blue, with a	
	lear white eye	
3016 V	White Gem. Forms a perfect ball of snow-white flowers	10
3022 0	iracilis. Light blue; light green foliage; trailing	5

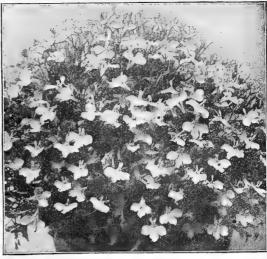




er). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plant; 3 feet. 15

### LIATRIS.

(Blazing Star, or Gay Feather.,



LOBELIA CRYSTAL PALACE COMPACTA

### LINARIA.

### LINUM (Flax).

3002 Coccineum (Scarlet Flux). One of the most effective and showy bedding plants, of long duration, hav-

	ing fine foliage and delicate stems, with brilliant scarlet-crimson flow-	
	ers; hardy annual; 1 ft. Oz., 25 cts	5
3003	Perenne. Bright blue flowers, hardy; 18 inches	10
3004	Narbonnense. The finest hardy blue variety; 2 ft	25

### LUPINUS (Lupine).

Annual Sorts. Free-flowering, easily-grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade; 2 feet.

3045 Sky Blue	10   3047 White 10
A packet each or	f the 4 colors, 30 cts.
3050 Annual Mixed. All color	s. Per oz., 25 cts 5
	hardy perennials, succeeding in any
good garden soil; blooms in May and	l June; 3 feet. We offer as under:
3052 Rose	0   3054 <b>Blue</b>
	0 3055 Moerheimi. Rose and pink 15
A packet each or	f the 4 colors, 35 cts.

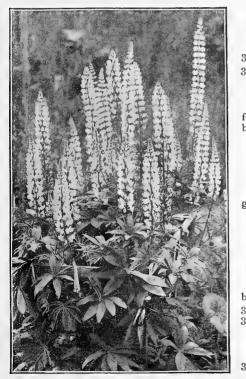
3051 Mixed. All colors. Oz., 30 cts..... 5

### LYCHNIS (Rose Campion, Jerusalem Cross).

Handsome hardy perennial plants of easy culture, for massing in beds and borders; blooming the first year if sown early.

3061	Chalcedonica. Fine	e scarlet flowers; 2 feet. 4 oz., 25 cts	5
3062	Haageana. Brilliant	orange, scarlet, crimson, etc., in mixture; 1	
	foot. $\frac{1}{4}$ oz., $40$ cts		10

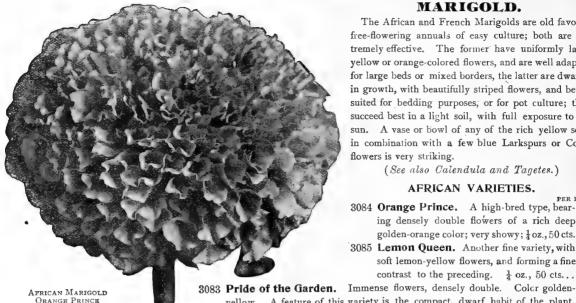
### LYTHRUM (Loose-strife).



LUPINUS POLYPHYLLUS (Hardy Lupine)

LINUM COCCINEUM





#### MARIGOLD.

The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective. The former have uniformly large yellow or orange-colored flowers, and are well adapted for large beds or mixed borders, the latter are dwarfer in growth, with beautifully striped flowers, and better suited for bedding purposes; or for pot culture; they succeed best in a light soil, with full exposure to the sun. A vase or bowl of any of the rich yellow sorts in combination with a few blue Larkspurs or Cornflowers is very striking.

(See also Calendula and Tagetes.)

#### AFRICAN VARIETIES.

PER PKT. 3084 Orange Prince. A high-bred type, bearing densely double flowers of a rich deep golden-orange color; very showy; \$\frac{1}{4}\,\text{oz.}, 50\,\text{cts.}\$ 15 3085 Lemon Queen. Another fine variety, with

soft lemon-yellow flowers, and forming a fine contrast to the preceding. \(\frac{1}{4}\) oz., 50 cts... 15

yellow. A feature of this variety is the compact, dwarf habit of the plant, which forms dense bushes, 15 to 18 inches bigh. 1 3081 El Dorado. Flowers very large, imbricated and ex-

tremely double. Colors in all shades of yellow. Per oz., 25 cts..... 3090 Large African. Double, orange and lemon, mixed; 2 to 3 feet. Per 1 oz., 20 cts.....

3088 Imported Collection of double African, 6 varieties. 25

### FRENCH VARIETIES.

3091 **Gold Striped.** Very double, deep, brownish-red, striped golden-yellow; 1 foot.  $\frac{1}{4}$  oz., 25 cts...... 3100 **Dwarf French.** Fine colors, mixed, very double; 1 foot. Per ½ oz., 20 cts....

3092 Legion d'Honneur ("Little Brownie"). A single-flowering Marigold, forming compact bushes 9 inches high. Begins flowering early, commercing in 

### Maryel of Peru, or Four O'Clocks.

(Mirabilis Jalapa.) 3110 A well-known, handsome, free-flowering garden favorite; does well everywhere; give each plant 12 to 18 inches of room. Fine mixed colors; 2 feet. Oz.,

### MATRICARIA.

3121 Capensis Alba Plena (Double White Feverfew). Free-flowering plants, producing all season fine double white flowers. A fine bedding or pot plant; 18 inches. 10

### MATTHIOLA.

3125 Bicornis (Evening-scented Stock). fashioned annual has no beauty to recommend it, the flowers being a dull purplish lilac, but it is well worth growing for the entrancing fragrance which it emits during the evening. \(\frac{1}{4}\) oz., 20 cts.....

### MAURANDIA.

3130 Barclayana. Beautiful, rapid, slender-growing climbers, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse; if desired for the house, take up before the approach of frost. A half-hardy perennial, flowering the first season if sown early; 10 feet; mixed colors, including purple, blue, white and rose..... 10

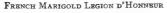
## **MESEMBRY-**

2831 Crystallinum (Ice Plant). Dwarf-trailing annual plants. Flowers white; prized for its singular icy foli-



MATRICARIA

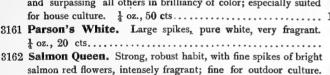
# ANTHEMUM.



### MIGNONETTE (Reseda).

A well-known fragrant favorite, and no garden is complete without a bed of Mignonette; sowings made in April and again in July will keep up a succession from early summer until frost; can also be grown in pots for

	er and early spring flowering.	KT.
	Defiance. When grown under favorable conditions spikes will	
	not only be of remarkable size—from 12 to 15 inches long—but	
	deliciously fragrant. The individual florets are of immense size,	
	forming a graceful as well as compact spike. Of extraordinary	
	keeping qualities, retaining their grace and fragrance until every	
	bud opens. (See cut.) \(\frac{1}{4}\) oz., 25 cts	10
3153	Golden Machet. Distinct variety of Machet, with massive	
	spikes of golden-yellow blossoms. 1/4 oz., 25 cts	10
3155	Miles' Hybrid Spiral. Of strong, branching habit, with spikes	
	from 8 to 10 inches long; very fragrant. Per oz., 25 cts	5
3156	Improved Red Victoria. Fine spikes of bright red. A most	
	useful and desirable variety. \(\frac{1}{4}\) oz., 25 cts	10
3157	Large-flowering Pyramidal. Flowers large, of a reddish	
	tint. A good variety for the open ground. \(\frac{1}{4}\) oz., 20 cts	5
3158	Machet. Of dwarf pyramidal growth, bearing numerous flower	
	stalks; highly colored and very fragrant; one of the best. 1/4 oz.,	
	25 cts	10
3159	Goliath. Of strong, yet compact habit, with rich green foliage;	
	the giant trusses of flowers being borne on erect, strong, stiff stalks	
	and surpassing all others in brilliancy of color; especially suited	
	for house culture. $\frac{1}{4}$ oz., 50 cts	15
0404	Th	



3163 Sweet-scented (Reseda Odorata). The old variety with small spikes, but very sweetly scented. Per oz., 15 cts.....





MOMORDICA CHARANTIA (Balsam Pear).



DEFIANCE MIGNONETTE

### MIMOSA (Sensitive or Humble Plant). PER PKT. 3181 Pudica. Curious and interesting annuals,

with pinkish-white flowers; the leaves close and droop when touched 

### MIMULUS.

Showy, profuse-flowering plants; fine for greenhouse or moist, shady situations; half hardy perennials, blooming the first year from seed if sown early;

3192 Tigrinus (Monkey Flower). Fine mixed spotted varieties . . . . . 10 3191 Moschatus (Musk Plant). Fine for hanging baskets, etc.; small 

### MINA.

3202 Sanguinea. A beautiful and rapid-growing climber, producing innumerable brilliant blood-red flowers. 4 oz., 15 cts.....

### MOMORDICA.

Very curious climbing vine, with ornamental foliage, fruit golden-yellow, warted, and when ripe opens, showing the seed and its brilliant carmine interior, fine for trellises, rock-work, stumps, etc.; annuals; 10 feet.

3211 Balsamina (Balsam Apple). Round, apple-shaped fruit with very fine glossy green foliage. This is the prettiest climber of the two. Oz., 30 cts.

3212 Charantia (Balsam Pear). Pear-shaped fruit; foliage heavier than

the above; the fruits of this variety are used medicinally. (See cut.) Oz., 30 cts.....

### MUSA ENSETE (Abyssinian Banana).

3221 A splendid plant for the open air in summer, producing a most strik-ing effect when planted singly or in groups. In our hot summer it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hotbed or bottom heat in greenhouse. Tender perennial; 10 to 20 feet. 15 cts. per pkt. of 5 seeds; 25 seeds for 50 cts.

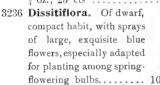
### MYOSOTIS (Forget-Me-Not).

Few spring flowers are more admired than the lovely Forget-Me-Nots, which are especially effective when grown in masses. Perennials and hardy if given slight protection through the winter. Seed may be sown any time from spring till mid-summer. The Alpestris varieties and Dissitiflora come into bloom in April, and are largely used for bedding or borders in connection with spring-flowering bulbs, Pansies, etc. The Palustris sorts do not bloom till May, but continue till fall.

3234 — Stricta Grandiflora. Symmetrical, upright, pillar-shaped plants, about 10 inches high, covered from base to summit with lovely light blue flowers.... 10

3235 — Victoria. A favorite sort, with fine heads of large, clear azure-blue flowers; plants bushy and compact; makes a fine edging or bed.... 10

3239 — Mixed. A mixture of blue, rose and white-flowered varieties. Per



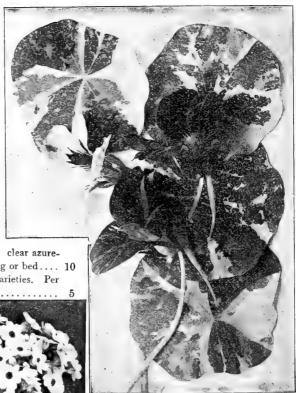
3237 Palustris. The true Forget-Me-Not. Of strong, sturdy growth, with beautiful clear blue flowers... 10

3238 — Semperflorens. An everblooming variety of the above, beginning in May and continuing till autumn. Large, clear, blue flowers in pretty sprays... 10



MYOSOTIS (Forget-Me-Not.)

cut.) 2 pkts., 25 cts.....



VARIEGATED-LEAVED NASTURTIUM

### NEMESIA.

Wering Hy-

3401 Dwarf Large-flowering Hybrids. A very pretty annual, which does best in a cool position; the plants grow about a foot high and the orchid-like flowers are very varied in color, including rose, yellow, blue, orange, etc. Seed sown in the autumn makes beautiful pot plants for early spring blooming; mixed colors. (See

### VARIOUS NASTURTIUMS.

In addition to the standard varieties offered on the page opposite, we can supply the following, all of which are well worth growing:

3270 Hybrids of Madame Gunter. This fine strain of climbing Nasturtiums contains many novel colors, such as odd shades of salmonpink, rose, reds, yellows, etc. 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per 1/4 lb.

3321 Queen of Talls. Similar to the regular tall Nasturtium, but with variegated leaves; flowers of various colors. Per pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 60 cts.

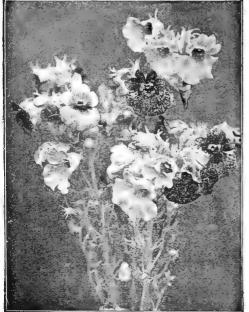
3330 Tall lvy-leaved. Of strong, vigorous growth; a very attractive vine. Mixed colors. Per pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 50 cts.

3380 Liliput, or Miniature. This is a dwarf, compact form of T. Lobbianum. It forms small, dense bushes, which are fairly hidden by flowers, the colors of which are very varied, many being new and beautiful shades. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

3381 Queen of Tom Thumbs. Dwarf, dense bushes, with variegated foliage and flowers in a large variety of colors. Per pkt., 10 cts.; oz., 20 cts.; \(\frac{1}{4}\) lb., 60 cts.

3386 **Geranium-leaved.** A comparatively new and very novel dwarf sort, with heavy rich green Geranium-like leaves. Flowers rich scarlet. Per pkt., 10 cts.; oz., 30 cts.

3390 **Dwarf lvy=leaved.** Makes pretty, compact plants, excellent for beds, borders, boxes, etc. Mixed colors. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.



NEMESIA, DWARF LARGE-FLOWERING

# DREER'S SUPERB NASTURTIUMS

For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position, and from within a few weeks from the time they are sown until hard frost comes there is an endless profusion of their gorgeous blossoms. The varieties offered below were selected, after exhaustive trials, from a very large number of sorts as being the best and most distinct:

### TOM THUMB, DWARF OR BEDDING VARIETIES.

- 3336 Chameleon. Various colors on one plant.
- 3338 Crystal Palace Gem. Sulphur, maroon blotches.
- 3341 Empress of India. Fiery crimson, dark foliage.
- 3343 Golden King. Rich golden yellow.
- 3346 King Theodore. Deep crimson maroon, dark foliage.
  - - Price. Any of the above Dwarf sorts, 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per ½ lb.
- 3347 King of Tom Thumbs. Dark scarlet, dark leaves.
- 3353 Pearl. Creamy white.
- 3354 Prince Henry. Cream, spotted and tipped red.
- 3355 Regelianum. Deep, purplish-crimson.
- 3361 Rose. Soft carmine rose.
- 3365 Spotted. Golden yellow, spotted garnet.
- 3367 Vesuvius. Salmony rose, dark foliage,

3370 Finest Mixed. Tom Thumb varieties. Per pkt. 5 cts.; oz., 15 cts.; ½ lb., 30 cts.; lb.,

3379 Dreer's Collection of a liberal packet each of the 12 above dwarf varieties. 50 cts. 3369 Dreer's Collection of 1 oz. each of the 12 above dwarf varieties. \$1.25.

### TALL OR CLIMBING VARIETIES.

(Tropaeolum Majus.)

Elegant and luxuriant climbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seedpods can be gathered while green and tender for pickling; 6 to 10 feet.

- 3281 Chameleon. Different richly colored flowers on the same plant.
- 3283 Crimson. Rich and velvety.
- 3287 King Theodore. Deep crimson maroon; dark foliage.
- 3294 Orange. Pure orange; no markings. 3296 Pearl. Creamy white.
- 3297 Prince Henry. Cream, spotted and tipped scarlet. 3298 Purple. Rich shade of purplish crimson. 3301 Rose. A lovely shade of ruby rose.

- 3303 Scarlet. Glowing vermilion.
- 3302 Schulzi. Rich, deep scarlet.
- 3307 Vesuvius. Salmony rose; an exquisite shade.
  3311 Spotted. Rich yellow, spotted garnet.
  Price. Any of the above Tall sorts, 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per 4 lb.
- 3320 Finest Mixed. Tall or climbing varieties. Per pkt., 5 cts., oz., 15 cts.; ½ lb., 30 cts.; lb., \$1.00.
- 3329 Dreer's Collection of a packet each of 12 above climbing sorts, 50 cts.
- 3319 Dreer's Collection of 1 ounce each of 12 above climbing sorts, \$1.25.

## Lobb's Climbing Nasturtiums.

### (Tropaeolum Lobbianum.)

There is little difference between these and the tall Nasturtiums. They are especially rich in the red shades, flower even freer, grow to the same height and are very desirable.

- Asa Gray. Pale primrose yellow, almost white,
- 3246 Black Prince. Velvety purplish-crimson, dark foliage.
- 3252 Brilliant. Geranium scarlet. Fine. 3247 Cardinal. Intense deep scarlet, dark foliage.
- 3253 Crown Prince of Prussia. Deep ruby-garnet.
- 3254 Giant of Battles. Sulphur-yellow, blotched red. 3248 Golden Queen. Pure golden-orange.
- 3257 Princess Victoria Louise. Creamy white, with fine, conspicuous ruby-rose blotches.
- 3261 Regina. Brilliant salmon-red on opening, changing as they age to almost a cream color.
- 3255 Roi des Noirs (King of the Blacks). Deep velvety garnet; very rich, dark foliage.
- 3262 Rudolf Virchow. Fine carmine rose.
- 3256 Spitfire. Brilliant orange-vermilion.

  Price: Any of the above, 5 cts. per pkt.; 20 cts. per oz.; 50
- 3259 Collection of a packet each of above 12 varieties, 50 cts.
- 3269 Collection of 1 oz. each of above 12 varieties, \$1.50.
- 3260 Finest Mixed. Lobb's. 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per 1 lb.; \$1.25. per lb.



DREER'S SUPERE NASTURTHIMS



### NICOTIANA. 3411 Affinis (Tuberose-flowered Tobacco). Delightfully sweetscented, pure white, tubular flowers, blooming continually; annuals; 2 to 3 feet. \(\frac{1}{4}\) oz., 25 cts..... 3414 Sanderæ Hybrids. A splendid type in a great variety of colors......10 3413 Sylvestris. Plants of pyramidal growth, 4 feet high, with fine deep green foliage; pure white, fragrant, drooping flowers, borne in loose heads. A most effective plant either used in conjunction with other plants in beds or as single specimens. .10 NIGELLA (Love in a Mist, or Devil in the Bush). 3430 Damascena. A compact, free-flowering plant, with finely cut foliage, curious-looking flowers and seedpods; of easy culture, growing in any garden soil; hardy annuals; blue and

### NICOTIANA AFFINIS

## WATER LILY

SEEDS. Hardy Nymphæas may be sown either in fall or spring in the shallow places on the margin of natural ponds, where, if conditions are favorable, they will germinate and soon become established.

Nelumbiums should have a small hole cut through the shell of each seed with a sharp knife.
Tender Nymphæas may

be sown in spring in pots or pans, using any good potting soil; cover the seeds with one-fourth inch of sand, give a thorough watering, and allow to drain for an hour, then submerge in water as near 700 as possible. Two inches of water over the soil is sufficient. As soon as the seedlings have made two leaves, put them singly into small pots, and when well rooted repot into 4- or 5-inch pots, from which size they may be planted into their flowering quarters during May and June.

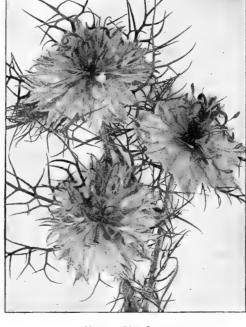
PER PKT.

### **ENOTHERA** (Evening Primrose).

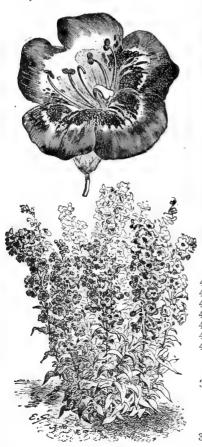
3431 Miss Jekyll. A lovely variety with cornflower-blue blossoms, splendid for cutting. (See cut.) \(\frac{1}{4}\) oz., 25 cts......10

The Evening Primroses are elegant subjects for growing in an exposed, sunny position, either in the border or on the rockery, blooming the entire summer.

3435 Missouriensis. Large goldenyellow flowers. 1 foot.........10



NIGELLA MISS JEKYLL

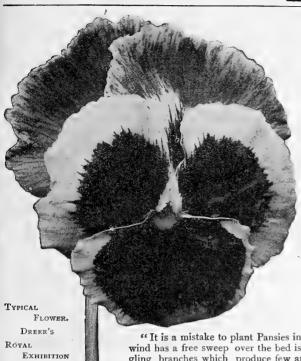


PENTSTEMON "SENSATION"

				9	2	2 0000 2 22 2 1
453 <b>1</b>	Nymphæa Zanzibariensis.	Purple				25
4532	Azurea. Blue					15
	— <b>Rosea.</b> Rose					
4534	- Tender Varieties Mixed.					15
4535	- Hardy Varieties Mixed					15
4536	Nelumbium Speciosum					15
4537	- Mixed Sorts					15
	PENTSTI	EMON (Ren	d Ton	one)		

Highly useful and attractive perennials, and much used in the hardy border. 3532 Gloxinioides "Sensation." As a bedding plant this takes rank with the Petunia, Phlox, etc., etc. It grows about 2 feet high, every branch being a spike of large, Gloxinia-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc. Not quite hardy and best treated like Petunias, Verbenas, Salvia, etc. (See cut.) 2 pkts. 25 cts... 15 3533 Barbatus Torreyii. Spikes of brilliant coral red; very effective; June to

August; 3 to 4 feet..... 



PANSY.

## Dreer's Perfect Pansies

PANSIES are too well known to require any description, as they are favorites with all. For best results you must start with a good strain. The finest Pansies are, as a rule, shy seeders, which accounts for the difference in the price of the various mixtures offered.

Miss Ida D. Bennett, the well-known horticultural author and enthusiastic admirer of Pansies, writes the following notes on their culture expressly for this book:

"Pansy seed germinates and the plants grow more freely in the cool, early days of spring, and for summer blooming should be sown by the latter part of April, or early May, in the vicinity of Philadelphia. A soil containing a proportion of leaf mould, well enriched with well-decayed cow manure, will be the most satisfactory for the growing of this flower, and it should be well dug and made fine and level.

"Sow the seeds in drills, covering them not more than four times their diameter and firming the soil well above them. The seeds germinate in from eight to twelve days, and should not be allowed to dry out during this period. Covering the seed bed with newspapers will prevent this and hasten somewhat the period of germination.

"As soon as the plants are up and large enough to handle, they should be thinned out or transplanted to stand nine inches apart in the rows. Thorough cultivation should be given from the start, as Pansies will not thrive when obliged to share the beds with a mass of weeds.

"It is a mistake to plant Pansies in the shade of a tree or buildings. An open exposure where the wind has a free sweep over the bed is far better, and Pansies so planted are free from the long, straggling branches which produce few and inferior flowers. During dry weather the bed should be watered daily, and in extreme cases twice a day for the best results.

"Seeds sown in April or May will produce blooming plants by the last of June, which will give an abundance of flowers throughout the remainder of the season. About the middle of August is the best time for starting Pansy seeds for early spring blooming, as this allows the plants to go into winter in vigorous condition.

#### PANSIES IN MIXTURE.

PER PKT.	PER PKT.
3510 Dreer's Royal Exhibition. This strain comprises	3512 Cassler's Giant. A grand mixture of the finest
a beautiful collection of colors and markings and is our	blotched varieties, splendid in every way, being large
finest mixture, both as regards size, texture and color-	
ings. Special packets of 2000 seeds, \$1.25; regular	in size and rich in coloring. \(\frac{1}{8}\) oz., 75 cts
packet	3517 Mme. Perret. A new and beautiful strain, origi-
3514 Dreer's Premium. This mixture comprises a large	nated with a French specialist, flowers of large size
number of colorings, and is intended to supply the want	borne very freely in great diversity of colors, especially
of a first-class mixture at a moderate price. $\frac{1}{8}$ oz., 75 cts. 25	rich in red and wine shades. The stock we offer comes
3516 Masterpiece (Frilled Pansy). A remarkable type,	direct from the introducer, $\frac{1}{8}$ oz., 60 cts
each petal being conspicuously curled or waved. The	
range of color is very extensive, the rich, dark, velvety	3513 Giant Parisian. Of very large size and containing
shades predominating. $\frac{1}{8}$ oz., $$1.00 \dots 25$	a great many fancy colors. $\frac{1}{4}$ oz., 75 cts 15
3500 Giant Trimardeau. All colors. 50 cts. per ½ oz.;	3515 English Finest Mixed. $\frac{1}{4}$ oz., 50 cts 10
\$1.50 per oz 10	3520 Good Mixed. All colors. $\frac{1}{4}$ oz., 25 cts 5

#### GIANT TRIMARDEAU PANSIES.

We have discarded the ordinary Pansies in separate colors in favor of this type which produce very large flowers, plants of strong, robust growth and well adapted to the trying conditions of our climate.

	PER PKT,	PER PKT.				
488	Giant Adonis. Soft lavender blue	3497 Giant Lord Beaconsfield. Deep purple violet,				
495	Giant Emperor William. Rich deep blue 10	shading to white				
496	Giant Fire King. Mahogany and gold 10	3492 Giant Psyche. Rich velvety violet with a broad				
490	Giant Freya. Rich wine color, edged white 10	border of pure white 10				
489	Giant Golden Queen. Pure, rich yellow 10	3498 Giant Snow Queen. Pure white, small yellow eye, 10				
491	Giant Prince Henry. Rich royal blue 10	3493 Giant White. Pure white, with purple eye 10				
487	Giant Rainbow. Peacock blue, white and red 10	3494 Giant Yellow. Rich yellow, with dark centre 10				
	3499 Collection, containing a packet each of above 12 grand sorts, \$1.00.					

#### TUFTED PANSIES, OR VIOLAS.

While the flowers of the Tufted Pansies are not so large as the regular type, yet they bloom so freely that they are superior to pansies where effect is wanted, the colors being particularly clear and distinct; they also bloom for a longer time. Seed sown in April produces flowering plants by June, and from then on until frost they are a sheet of bloom.

PER PKT.	PER PKT.
4406 Admirabilis. New hybrids, which contain all the	4403 Blue Perfection. Deep purplish blue 10
varied and brilliant colorings of the best grade of	4405 White Perfection. A fine pure white
blotched Pansies	4404 Thuringia. Deep violet and light blue with white
4401 Papilio (Butterfly Violet). Lovely violet-lilac, with	eye; very effective
small, dark eye	4410 Mixed. A splendid mixture of the best varieties,
4402 Lutea Splendens. Rich golden yellow 10	½ oz., 50 cts 10



For outdoor decoration or house culture few plants equal the Petunia in effectiveness. They commence flowering early and continue a sheet of bloom throughout the whole season until killed by frost; easily cultivated, only re-

quiring a good soil and sunny position. We have long been celebrated for our magnificent strains of both the single and double varieties, which we endeavor to improve each year by careful selection and hybridization. We have tested samples received from the leading

Petunia specialists of the world, and can safely say without fear of contradiction that our strain is the best that can be secured from any source at any price.



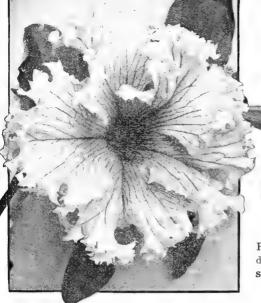
Note. - It is well known that seed saved from the most carefully hybridized flowers produce but a small percentage of double flowers, the balance being single of unusually fine quality. The weaker seedings should be carefully saved, as these invariably produce the finest double flowers.

> The same is true of the single sorts, the large, strong seedlings usually being weedy, while the, at first, weaker seedlings produce the very finest flowers, of best colorings. It is best to sow Petunias indoors and transplant to the open in May. The Single Bedding kinds can be sown right out of doors in May.

3590 Dreer's Superb Double-fringed. Saved from our own unrivalled collection; will produce a large percentage of double flowers of the largest fringed varieties in bright colors and tints. (See cut.) Per 500 seeds, \$1.25 ...... 50

3587 Double Large=flowering. Beautiful varieties in mixture. Not our own saving, but the best that money can buy from other sources. Per 500 seeds, 75 cts... 25

3589 Imported Collection of Double-fringed. 6 varieties.....



DREER'S SUPERB SINGLE-FRINGED PETUNIAS

#### Single Large-flowering Petunias. 3580 Dreer's Superb Large-flowering Fringed. Our own saving from the finest flowers; of very large size and beautiful shape; deep-throated and of varied and brilliant colors, and beautifully fringed. (See cut.) 25 3576 Giant of California. Flowers very large, in great variety of colors and markings, with deep yellow throats ..... 25 3577 Ruffled Giant. Flowers of extraordinary size and substance, and distinguished from the large flowering fringed section by the deep fluting, giving the appear-3578 Fringed Ruffled Giaut. This differs from the preceding in having, in addition to the ruffling, a very fine fringed edging, making a very handsome flower..... 35 3579 Imported Collection of 6 fringed varieties...... 50



#### IGLE-REDDING PETUNIAS.

3564 <b>Howard Star.</b> A beautiful free-flowering strain, color crimson-maroon with a clearly-defined five-pointed star of blush-white. For bedding, baskets, vases, etc., this is exceptionally fine. $\frac{1}{8}$ oz., 50 cts
3566 Rosy Morn. Soft carmine-pink with white throat; makes a very dainty and at the same time effective border. \(\frac{1}{8}\) oz., 75 cts
3565 <b>Brilliant.</b> Beautiful and effective compact variety; flowers brilliant carmine-pink. $\frac{1}{8}$ oz., 75 cts
3561 <b>Dwarf Inimitable.</b> "Star Petunia," compact growing variety; flowers cherry-red with a white centre. \(\frac{1}{8}\) oz., 30 cts
3562 <b>Snowball.</b> A fine compact sort, producing its pure satiny-white flowers throughout the entire season. $\frac{1}{8}$ oz., 50 cts
3563 <b>Pure White.</b> Desirable for cemetery beds or where large masses of white are wanted, grows 12 to 15 inches high. Where a more compact sort is wanted we recommend "Snowball." ½ oz., 30 cts
3567 Striped and Blotched. A good strain of the small-flowering type; beautifully striped and blotched flowers; fine for massing. \(\frac{1}{4}\) oz., 30 cts 10 3570 Fine Mixed. Good bright colors. \(\frac{1}{4}\) oz., 25 cts

## PHLOX DRUMMONDI.

The annual Phlox is a native of Texas, and is known as "Texan Pride." It occupies a first place as a garden annual, being one of the most brilliant and at the same time one of the easiest and most satisfactory plants, which can readily be grown from seed. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past, and in a few weeks they are a sheet of bloom, remaining so until frost. They may be used in a variety of ways, such as a carpet to beds of Roses, in boxes, vases, etc., but it is when grown in masses, in beds or borders, that they show to best advantage.

#### 3600 Phlox Drummondi, Mixed Colors.

Flowers not so large as the grandiflora type offered below, but just as free-flowering and effective. \(\frac{1}{4}\) oz.; 25 cts.; oz., 75 cts.....

#### Select Large-Flowering Varieties.

(Phlox Drummondi Grandiflora.) This is the finest type, having the largest heads of

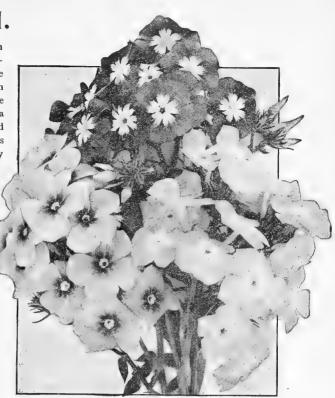
bloom	n, as well as the largest individual flowers; of stron	ıg,
sturdy	growth, attaining a height of about 15 inches.	
3601	Snow White	10
	Shell Pink	10
3603	Deep Rose	10
		10
	Rich Crimson	10
	Primrose	10
		10
	Collection of a packet each of the above 7	
-010	colors	50
3620	Choicest Mixed, Large-flowering. Con-	
	tains all of the colors noted above as well as a	
	great many others and makes very showy bed	
	or border: 1 oz 30 cts : oz \$1.00	10

#### DOUBLE PHLOX.

3638 Especially desirable for cut flowers lasting better than the single sorts. To produce the best results they should be grown in a light soil. Finest mixed colors. \(\frac{1}{4}\) oz., 50 cts............ 10



LARGE FLOWERING DWARF PHLOX DRUMMONDS



DREER'S SELECT LARGE-FLOWERING PHLOX DRUMMONDI

#### **LARGE-FLOWERING** DWARF PHLOX.

A type combining the size of the individual flower and head of the finest Grandifloras, but of dwarf, compact growth, a perfect combination; and while they do not come in the large variety of colors found in the taller-growing type, the colors offered will be found very effective for beds, borders, etc., etc., 8 inches.

3643	Brilliant Rose	15
3644	Fiery Scarlet	15
3645	Pure White	15
	3650 Finest Mixed Colors. 4 oz., 50 cts	

#### STAR PHLOX (P. Cuspidata).

3640 Of dwarf habit, with very pretty star-shaped flowers. A novel variety; mixed colors. \(\frac{1}{4}\) oz., 30 cts..... 10

## HARDY PERENNIAL PHLOX.

(P. Decussata.)

3641 Hardy herbaceous perennial and quite distinct from the varieties of Phlox Drummondi offered above, which are annuals. For best results should be sown as soon as frost is out of the ground in spring or as soon as gathered in the autumn. The seed we send out has been saved from our own unrivalled collection and is supplied in mixture only.  $\frac{1}{4}$  oz., 50 cts. 10

#### PLANTS OF HARDY PERENNIAL PHLOX.

We are the largest growers of these plants in the world, and our collection contains every variety worth having. For list, descriptions and prices see pages 230 and 231.

## **POPPIES**

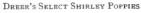
Annual Poppies should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly, preferably in cloudy weather or after a shower, barely cover the seed, press down firmly, and they will come up in a few days. If they come up too thickly they must be thinned out to stand 3 to 4 inches or more apart if you wish best results. It is well to make several sowings at intervals to keep up a succession of bloom.

> If picked just before expanding the flowers will last several days. It is also advisable to pick the old flowers as soon as fallen, which will lengthen the blooming season quite awhile.

#### SINGLE ANNUAL POPPIES. 3696 Dreer's Select Shirley. This is an extra fine

strain of these charming Poppies. They are single and occasionally semi-double, and range in color from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood-red, while many are daintily edged and striped. In fact, so varied are they that scarcely any two flowers are exactly alike. Oz., 50 cts...... 3687 Admiral. A single pæony-flowered variety of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top. These two colors form a striking centrast, and when planted

in groups produce a magnificent effect. \(\frac{1}{4}\) oz., 20 cts.... 5



3689 Charles Darwin. Remarkable for the unique color of its large, smooth-edged flowers, being a striking rich dark purple, with a velvety black spot at the base of each petal. A dense wreath of white anthers produces a fine contrast with the extraordinary color of the flower. \(\frac{1}{4}\) oz., 25 cts.. 10

3688 Dainty Lady. Immense flowers, 4 to 5 inches across, of a charming mode shade of rosy mauve, with a large dark metallic blotch at the base of 

3691 Danebrog, or Danish Cross. Very showy variety, producing large flowers of brilliant scarlet, with a silvery-white spot on each petal, forming a white cross, which is nicely shown in the illustration on this page. Per oz., 25 cts..

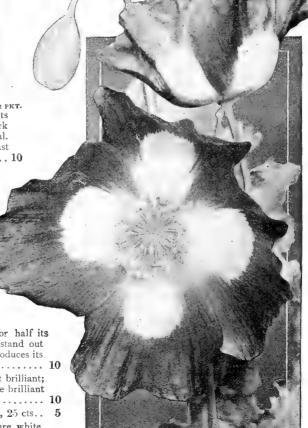
3692 English Scarlet. The scarlet field Poppy. Oz., 40 cts.....

3703 King Edward. A new variety of gorgeous coloring, being a deep scarlet, shaded crimsonred, each petal marked with a large black blotch for half its length from the base, against which the yellow anthers stand out in bold relief. The plant grows  $2\frac{1}{2}$  feet high, and produces its very large flowers with great freedom. \(\frac{1}{4}\) oz., 25 cts............ 10

3695 Tulip Poppy (Papaver Glaucum). One of the most brilliant; 

3697 The Bride. A beautiful large, pure white. Per oz., 25 cts.. 5 Large, beautifully fringed flowers of pure white, edged with soft pink; exquisite when cut. Per 4 oz., 25 cts...

3709 Collection of a packet each of above 10 single varieties..... 50 3710 Single Mixed. Annual sorts. Oz., 20 cts ......



DANEBROG, OR DANISH CROSS POPPY

## DOUBLE ANNUAL **POPPIES**

The same culture as given at the top of the preceding page should be followed in the case of the double flowering annual sorts. They make a gorgeous showing during their flowering period, and are largely used for beds and

borders.
3711 American Flag. Beautiful variety; flowers very large and double, snow white, bordered with scarlet. Per oz., 30 cts
3712 Fairy Blush. Very double flowers of pure white, elegantly fringed and tipped with rose. Per oz., 25 cts
3713 Golden Gate. Comprising an infinite variety of semi-double and double flowers in the greatest variety of colors. Per oz., 30 cts
3714 "Mikado" (The Striped Japanese Poppy.) The beautiful Poppy is very distinct in character and color. The flowers are brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Per oz., 25 cts
3715 White Swan. Immense double flowers, beautifully fringed and of purest white, of the same dwarf habit as Cardinal and Shell-pink. Per oz., 25 cts
3716 Cardinal. A splendid dwarf variety of the carnation-flowered type, growing about 2 feet high and bearing large globular, fringed flowers of an intense cardinal red. Per oz., 30 cts 5
3717 Shell-pink. Similar in every way to Cardinal

and White Swan, except color, which is a soft

Very dainty. Per

sea-shell or chamois pink.

oz., 25 cts.....



DOUBLE PRONY-FLOWERED POPPIES

3720 Carnation Flowered. Splendid doublefringed flowers, mixed colors. (See cut.) Per oz., 25 cts.... 3730 Pæony Flowered. Large, showy,double globular flowers, resembling a double Pæony, mixed colors. (See cut.) Per oz.;

> 3719 Imported Collection of 8 varieties. Double Carnation flowered 30

3729 Imported Collection of 8 varieties. Double Pæony flowered.. 30

#### ICELAND POPPIES.

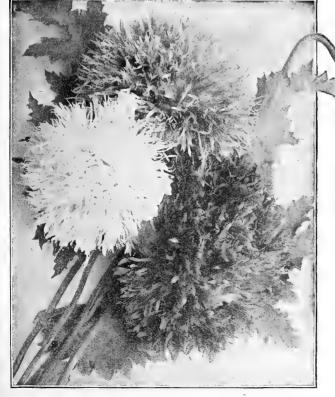
(Papaver Nudicaule.)

While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. They are of graceful, neat habit, with bright green, fern-like foliage, formed in tufts, from which issue slender stalks about 12 inches high, bearing their brilliant flowers in endless profusion; most useful for cutting, for which purpose pick when in bud, and, if the seed pods are picked off, continue in flower the entire season. They remain evergreen throughout the winter, coming into bloom early the follow-

ing sp	oring.	
3733	Bright Yellow	10
3734	Pure White	10
3736	Orange Scarlet	10
3740	Finest Mixed. All colors. $\frac{1}{4}$ oz., $25$ cts	10
3735	New Hybrid Iceland. The latest development	
	in this lovely species varying in color from sulphur	

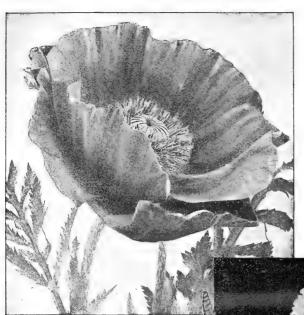
yellowthrough different shades of orange tochamois

and salmony rose, some of which are very striking. 15



Double Carnation-flowered Poppies





#### ICELAND POPPIES.

This charming class of hardy Poppies is offered on preceding

PHYSOSTEGIA (False Dragon Head).

3651 Virginica. One of the prettiest hardy perennials, and gaining in popularity as it becomes better known. It forms dense bushes, 3 to 4 feet high, bearing freely during the summer months spikes of delicate pink tubular flowers not unlike a gigantic heather..... 10

3652 - Alba. A pretty white flowered form ....... 10

#### PLATYCODON.

(Balloon Flower, or Japanese Bellflower.)

One of the best hardy perennials, producing very showy flowers during the whole season. They form large clumps and

are excellent for planting in permanent borders or among shrubbery; easily raised from seed, which begins blooming in August if sown outdoors in April. (See cut.)

3663 Grandiflorum. Large steel blue flowers. 1/4 oz., 25 cts.....

3664 - Album. Pure white variety.  $\frac{1}{4}$  oz., 25 cts... 3662 Mariesi. Large open,

bell-shaped flowers of a rich violet-blue; plant dwarf and compact. } oz., 25 cts...

3661 Japonicus Fl. Pl. (Double Japanese Bellflower). Large, glossy, deep-blue flowers. The inner petals alternate with the outer ones, giving the flower the appearance of a ten-pointed blue star. 2 pkts., 25 cts.... 15

#### HARDY PERENNIAL POPPIES.

ORIENTAL POPPY

Oriental Poppies should be sown in early spring in the open ground as soon as it is fit to work. The plants disappear during July or August, appearing again as soon as the weather gets cool. When this fall growth starts is the time they should be transplanted to their permanent flowering quarters. It is well to mark the places they are planted with a stake to insure the roots against disturbance during their annual resting period.

3731 Bracteatum. Immense orangescarlet flowers, very similar to the Oriental Poppy. 1/4 oz., 25 cts.....

3747 Orientale (The Large Oriental Poppy). A charming summer-flowering hardy plant, producing numerous leafy stems about 21 feet high, with large deep crimson flowers; having a conspicuous black blotch on each petal; exceedingly showy. 4 oz., 25 cts......

#### LARGE HYBRID ORIENTAL POPPIES.

We offer five of the best and most distinct sorts. Seedlings are liable to vary somewhat in color.

3742 Goliath. Vermilion red, very large...................... 15 3748 Mammoth. Glowing scarlet, very large...... 15 3744 Princess Victoria Louise. Soft salmon-rose..... 15 3743 Perry's White. The wonderful new white with

3750 Mixed Hybrids. Saved from a large number of 

A packet each of the 5 sorts, 75 cts.



PLATYCODON GRANDIFLORUM

#### POLYANTHUS (Primula Elatior).

Showy, early spring, free-flowering plants, fine for either pot
or outdoor culture; hardy perennials; 9 inches.
3677 Invincible Giant. Undoubtedly the finest strain in
cultivation, containing all colors from purest white to
the richest crimson, 5 pkts, \$1.00
3676 Gold-laced. Very showy and attractive flowers with
narrow edge of gold
3680 English Mixed. A fine grade; all colors. $\frac{1}{8}$ oz.,
30 cts 10

#### PORTULACA (Sun Plant).

One of our finest hardy annual plants, of easy culture, thriving best in a rather rich, light loam or sandy soil, and luxuriating in an exposed sunny situation; the flowers are of the richest colors, and produced throughout the summer in great profusion; fine for massing in beds, edgings or rock-work, and frequently used to sow broadcast over sunny banks, etc.; in any case it is well to mix the seed with three or four times its bulk of dry sand or soil, which permits an even and easy distribution of the seed: 6 inches.

,						
3764	Single	Rose.	1 oz., 20 cts			5
3765	. 66	Scarlet.	½ oz., 20 d	cts		5
3766	44	White.	$\frac{1}{4}$ oz., 20 ct	ts		5
3767	66"	Yellow.	1 oz., 20 d	ets		5
3770	4.6	Mixed.	All colors.	Per oz., 40	) cts	5
3769	Import	ted Collec	ction of			

8 single varieties..... 25 3760 Double Mixed. A large percentage of the flowers will come perfectly double, of the most brilliant scarlet, crimson, white, yellow, etc. 

3759 Imported Collection of 8 double varieties..... 50



SINGLE PORTULACA



DOUBLE PORTULAÇAS

#### Pueraria Thunbergiana.

(Japanese Kudzu Vine.)

3835 To this must be awarded first place as the fastest growing hardy climbing plant. It will

grow 8 to 10 feet the first year from seed, and after it has become established there seems to be no limit to its growth, 50 feet in a single season being not unusual. Its foliage is large and covers well; it bears small racemes of rosy-purple; pea-shaped blossoms towards the close of August. A splendid subject for covering per-

#### PVRETHRUM.

P. aureum is the well-known Golden Feather so much used for edging, carpet-bedding, etc., while the others are most attractive hardy plants.

3841	Aureum (Golden Feather). Yellow foliage. Per 4 oz., 20 cts.	5
3846	Hybridum. Hardy perennial, bearing large Daisy or Cosmos-	
	like flowers, ranging in color from white to deep red, with bright	
	yellow centres; blooms in May and June and again in the fall, and	
	is one of the most graceful and long-lasting cut flowers. These are	
	nicely shown in the illustration on this page. Per $\frac{1}{4}$ oz., 50 cts	10

- 3847 Hybridum Grandiflorum. A large-flowering form of the above,
- 3845 Hybridum Fl. Pl. Seed saved from the finest double flowers, only a small percentage can be expected to come double the first
- 3851 Uliginosum Stellatum (Starry Giant Daisy). A beautiful new type of this fine hardy perennial. For description see Novelties and Specialties, pages 53 to 62. 2 pkts., 25 cts.............. 15



PURRTHRUM HUBRIDUM

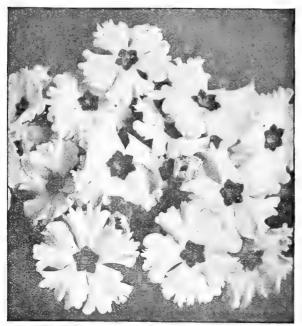
## PRIMULA (Primrose).

The charming and beautiful Chinese Fringed Primroses and Obconica varieties are indispensable for winter or spring decorations in the home or conservatory. They are one of the most important winter blooming pot plants. The seed we offer is of the highest merit, and has, as usual, been saved from the best strains of English and Continental growth. Florists and others report that they have never seen finer flowers than those produced from our seed. Sow in March, April or May. The hardy varieties are also deserving of wide cultivation.

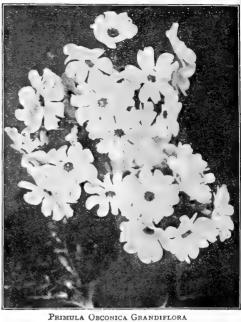
#### PRIMULA OBCONICA.

These are of the easiest culture in greenhouse or light window of dwelling house, flowering abundantly and continuously with little care, and should be sown during the spring in good porous loam. They will not germinate well in any compost containing peat or leaf mould. To develop the colors to the highest degree, grow in heavy soil, and at a temperature as near 60 degrees as possible. The Grandiflora varieties are the freest-flowering, but lack the very large individual blooms of the newer Gigantea type.

	, 0	3 7,	1
3811	Obconica Gigantea Kermesina.	Rich crimson	
3812	— Rosea. Pure rose color		
3815	— — Mixed. All colors		
3816	— Grandiflora Alba. Pure white.		
3817	— — Kermesina. Bright crimson.		
3819	Appleblossom. Soft pink		
3818	- Rosea. Beautiful clear rose.		
3820	— — Mixed. All colors		1
3810	- Crispa. A charming variatio	n, having the petals	
	wavy or fluted, color a delicate tender	rose	2
3823	Forbesi (Baby Primrose). This is		
0020	primula we know of. The little plants	throw up tiny flower	
	stalks when only a few weeks old.	These should be	
	pinched off and the plants kept gro		
	and from then on until late in spring	they produce their	
	sprays of beautiful rosy-lilac flowers in	profusion	9
3824	Kewensis. This variety is most at		
0022	ing bright yellow flowers borne on lo		
	lightfully fragrant and stands well as		
3826	Malacoides. A fine house plant,	somewhat like P	44
0020	Forbesi, but larger in all its parts, flo		
3827	- Alba. A new white-flowering fo	rm	9
0021	The state of the s	***************	4



LARGE-FLOWERING CHINESE PRIMROSE





25 . . . . . 20 ..... 20 20 . . . . . ..... 20

Fringed Chinese Primroses.

3782 Alba Magnifica. magnificent pure white 25 3783 Covent Garden Red. A fine rosy-red.... 25 3785 Covent Garden White. A very free-flowering pure white...... 25 3787 Rosy Morn. Beautiful delicate pink...... 50 3790 **Stellata.** A very pretty form with large heads of

star-shaped flowers of va-

rious colors; a splendid type for decorative purposes.... 25 3800 Dreer's Choicest Mixed. This mixture contains nothing but the finest-fringed large-flowering sorts, and 

#### HARDY PRIMROSES.

These are among the best of the early spring-blooming plants With a slight protection they will stand the winter, but will do better if protected by a cold frame. 1500 Auricula. A well-known favorite of great beauty;

seed saved from splendid choice mixed varieties; 6 inches. 3825 **Japonica** (Japanese Primrose). Bright and showy flowers; borne in whorls on stems 6 to 9 inches long; 

3830 Vulgaris (English Primrose). Canary-yellow, fra-grant.

#### RHODANTHE (Sun River Everlasting).

3860 A charming annual; succeeds in a light rich soil and a warm, sheltered situation; valuable for pot culture; flowers everlasting; mixed colors; 1 foot.....

#### ROSMARINUS (Rosemary).

3895 Officinalis. An old favorite aromatic herb, delightfully fragrant, flowers light blue, grows about two feet high, should be planted in a warm, dry situation, and given a little protection. \(\frac{1}{4}\) oz., 15 cts....... 5

# HENRY A DREER - PHILADELPHIA - PA

RICINUS ZANZIBARIENSIS (Castor Oil Bean)

RICINUS.

(Castor Oil Bean.)

3861 Borboniensis. Green foli-

3863 Gibsoni. Deep red foliage;

3862 Cambodgiensis. The main stem and leaf stalks are shining ehony, leaves large, regu-

larly divided and richly col-

tre plants for beds.



## RELIABLE FLOWER SEEDS



#### RUDBECKIA.

(Cone Flower.)

PER PKT.

3901	Bicolor	Superba.	Fine	free-flower	ring ann	ual variety,
	growing :	about two feet	high,	forming a	dense b	ush and pro-
	ducing in	great abunda	ance o	n long ster	ns its br	ight flowers.
	The dis	k is brown,	the flo	orets golder	n-yellow,	with large
	velvety l	brown spots a	at the	base; very	effective	e and useful
	for cutting	g. (See cut.	.)			

3906 Fulgida. An effective hardy perennial sort, producing in masses during August and September brilliant orange-

3902 Newmani. One of the finest of autumn-flowering perennials, bearing large flowers. Bright orange-yellow petals, surrounding a large black cone; a showy flower............ 15

3903 Purpurea (Giant Purple Cone-Flower). A most interesting hardy perennial, producing all summer large, showy, reddish-purple flowers; about 4 inches across, with a remarkably large cone-shaped centre of brown; thickly set 

#### SANVITALIA.

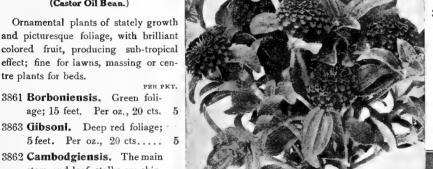
3938 Procumbens Fl. Pl. An annual of dwarf, compact growth useful in masses in beds or edges of borders, or in vases,

> baskets, etc. Showy bright yellow, double flowers, in bloom all summer. (See cut)..... 10

## SAPONARIA.

(Bouncing Bet.)

3940 Vaccaria. A pretty and useful annual variety, grows about 2 feet high and bears masses of satiny pink flowers somewhat like an enlarged Gypsophila; charming for cutting, adding grace to any arrangement of flowers. Several sowings should be made to keep up a succession of bloom. Per oz., 30



SANVITALIA PROCUMBENS

ored. The foliage assumes different shades as the plant increases in size, so that very striking effects may be obtained when planted in groups; 5 feet. Per oz., 25 cts..... 3865 Sanguineus. Blood-red stalks and clusters of red fruit; 8 feet. 3870 Zanzibariensis. A distinct class, which surpasses in size and beauty all varieties. The plants attain reat dimensions, presenting a splendid aspect with their gigantic leaves. The different varieties included in our mixture have light and dark green leaves and some of coppery-bronze, changing to dark green, with reddish ribs. The seeds are quite distinct in color and beautifully marked. (See cut.) Per oz., 25 cts...... 3880 Mixed. All sorts. Per oz., 20 cts ..... 3879 Imported Collection of 8 distinct varieties...... 30

#### THE CARDINAL CLIMBER.

2158 This is unquestionably the finest annual climber introduced in many years, and if you have a place for a climber in your garden this should be given first choice. For full description see Novelties and Specialties, pages 53 to 62. 15 cts. per pkt.; 2 pkts., 25 cts.



RUDBECKIA BICOLOR SUPERBA





SALVIA SPLENDENS (Scarlet Sage)

#### SALPIGLOSSIS (Painted Tongue).

The Salpiglossis is one of the greatest favorites among annuals, partly because of its easy culture, but principally for its beautiful, almost orchid-like flowers, which it produces from early summer until late fall. Seed should be sown early in spring in a hotbed or window and transplanted when weather is settled or directly out of doors after danger of frost. The seed we offer is a select large-flowering strain. - (See cut.)

3912	Crimson			10
3913	Primrose			10
3914	Purple and Gold			10
3915	Rose and Gold			10
3916	Scarlet and Gold			10
	White and Gold			
	Collection of a packet e			
3920	Finest Mixed. All co	lors. 1	oz., 40 cts	10
3921	Emperor. This variety			
	and bears on its summit a	veritable	bouquet of the	most
	beautiful flowers, each one	e richly v	eined with gold	1. ½
	oz., 50 cts			10

#### HARDY SALVIAS.

3928 Azurea Grandiflora. A hardy perennial variety, producing during August and September spikes of pretty sky-blue flowers in great profusion; 2 to 3 feet...

	pretty sky-blue nowers in great profusion, 2 to 3 leet
3929	Farinacea. A perennial variety, but best grown as
	an annual. Seed sown in the open ground in May
	blooming from July to frost. The fine light blue
	flowers are borne on long spikes held above the foliage;
	makes a good blue line; 2 feet

#### SALVIA SPLENDENS (Scarlet Sage).

The Scarlet Sage has long been a favorite bedding plant, also grown for conservatory decoration, bearing long spikes of flowers in great profusion from July till frost; seed should be sown as early as possible, either indoors or in a hotbed, and the young plants transferred to their flowering quarters when the weather has become settled and warm. May also be sown in the open ground in May.

groun	d in May.	
<b>3</b> 935	Splendens (Scarlet Sage). Beautiful bright scarlet; 3 feet. \(\frac{1}{4}\) oz., 50 cts	ст. 5
<b>3</b> 932	"Bonfire." This is one of the finest of the Scarlet Sages, growing in a compact bush 2 feet high by 2 feet in diameter. Its erect spikes of brilliant scarlet flowers stand clear above the dark green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation. Per \( \frac{1}{4} \) oz., 75 cts	10
<b>39</b> 33	"Burning Bush." This variety forms strong, sturdy bushes $2\frac{1}{2}$ feet high, and bears the finest individual spikes of flowers of all, many of them being over 18 inches in length; color intensely rich scarlet; decidedly one of the best. $\frac{1}{4}$ oz., 75 cts	10
3934	Ball of Fire. A compact type and popular for beds and borders requiring a variety of dwarfer habit than the regular Scarlet Sage or the variety "Bonfire."	
3937	Per $\frac{1}{8}$ oz., 60 cts	
<b>3</b> 936	Globe of Fire. A splendid new variety, described with other novelties and specialties on pages 53 to 62.	
3931	Patens (Blue Sage). In color this is as blue as the "Scarlet Sage" is red; unlike the latter, however, it is not useful for bedding, but it is a beautiful plant for the border or greenhouse; tender perennials; 2 feet	



SALPIGLOSSIS IMPROVED LANGE-FLOWERING

10

#### SCABIOSA.

(Mourning Bride, Sweet Scabious, Pin-cushion Flower etc.)

Firm favorites with many of our customers. Seed can be sown any time in the spring after danger of frost is past. They grow about  $2\frac{1}{2}$  feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosas, especially where flowers are wanted for cutting. We offer six colors as under:

#### IMPROVED LARGE-FLOWERING.

	PER P	KT.
3943	Azure Fairy. Lavender blue	10
	King of the Blacks. Black-purple	
3944	Crimson         5         3956 Rose         3956 Rose           Flesh Pink         5         3958 White         3958 White	5
3959	Collection of a packet each of the 6 colors	30
2060	Mived All colors of the Improved Large-fl	owe

#### HARDY PERENNIAL SORTS.

3941 Caucasica (Blue Bonnet). One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac-blue; 3 

3942 Japonica. A variety from Japan, forming bushy plants, 21 feet in height, and bearing on long, wiry stems beautiful, artistic, lav-



IMPROVED LARGE-FLOWERING SCABIOSAS

# SCARLET RUNNER

3595 Scarlet Runners. A great favorite in England and Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet sprays of

pea-shaped blossoms. Per pint, 30 cts., postpaid...... 5

#### SCHIZANTHUS (Butterfly or Fringe Flower).

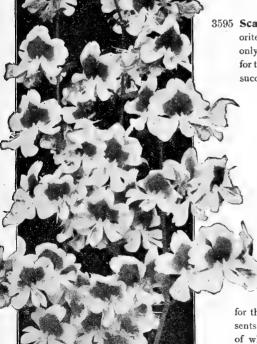
This is one of the airiest and daintiest flowers imaginable, especially adapted to bordering beds of taller flowers and those of a heavier growth. The seeds germinate quickly and come into bloom in a few weeks from sowing. The florescence is such as to completely obscure the foliage, making the plant a veritable pyramid of the most delicate and charming bloom. The Schizanthus make admirable pot plants for the house in late winter and early spring. For this purpose sow in the autumn.

3967 Dwarf Large=flowered. A new variety, forming compact pyramidal plants a foot high, literally covered with large, beautiful, orchid-like flowers in a bewildering range 

3968 Wisetonensis. A variety largely used as a pot plant for the house or conservatory. It is remarkably free-flowering, and presents a beautiful appearance with its myriads of blooms, the ground color 

3970 Mixed. A splendid mixture of the regular type. \(\frac{1}{4}\) oz., \(\frac{7}{25}\) cts...... 5

We were awarded a Gold Medal at the Panama-Pacific Exposition, San Francisco, for our exhibit of Water Lilies.



SCHIZANTHUS (Butterfly or Fringe Flower)



SPRAY OF ORCHID-FLOWERED SWEET PRAS

## Dreer's Select SWEET PEAS

There are hundreds of both Orchid-flowered and Grandiflora varieties of Sweet Peas, many of which are practically identical and still others which lack either size, purity of color, vigor or some other characteristic which all first-class sorts should have. It would be an easy matter for us to greatly extend our list; but we think it best to confine our offers to such sorts as are really first class, and every variety we offer is entitled to a place in the front rank of Sweet Peas. In addition to the splendid list of Orchid-flowered sorts offered on the page opposite we also offer the very latest introductions, which are fully described on

#### HOW TO GROW SWEET PEAS.

The soil for Sweet Peas should be rich and deep. A good rich loam, with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms of good substance. Soils that are at all heavy are best dug in the autumn, and during the winter months a good dressing of hardwood ashes or air-slaked lime should be given it. They should be in a position fully exposed to the sunlight and air on both sides of the row.

Much depends on the state of the weather as to when the seed may be sown out of doors; but they should be sown as early in the season as the ground can be worked, which is usually between the middle of March and the middle of April in the latitude of Phila-

delphia. It is best to make a trench or furrow about six inches deep, in the bottom of which sow the seed. Cover with about an inch of soil, pressing it down firmly. As soon as they are above ground, thin out to two to four inches apart; when planted too close they do not attain their full development. They should be staked up either with branches of brush or stout stakes on which wire netting has been fastened. These should be at least four feet high, and five feet would be better. It is just as well to do the staking at the time of

During dry weather they should be watered thoroughly and frequently and given an application of liquid manure once a week. A mulch of hay or rakings from the lawn will be found beneficial during hot weather. The flowers should be cut as often as possible, to prevent the plants from running to seed, which would stop them from continuing in bloom.

White-seeded varieties should not be sown until the ground is comparatively dry and warm. If sown under cold, wet conditions, the seed will rot in the ground. With few exceptions, Sweet Peas are black-seeded, and these do not appear to be affected like the whiteseeded sorts.

#### DREER'S SELECT GRANDIFLORA SWEET PEAS.

The following are the very choicest standard sorts—varieties that stand at the head of their respective color and that have the endorsement of the leading American and European specialists—and it would be impossible to select a similar list out of the vast number of grandiflora sorts that would combine in the same degree all the qualities which go to make up first-class varieties.

4063 Aurora. Orange-rose, striped on a white ground.
4070 Black Knight. Very deep maroon, shaded black.
4073 Blanche Ferry. The popular pink and white.

1090 Dainty. White, daintily edged with pink. 1091 Dorothy Eckford. Magnificent pure white.

4094 Duke of Westminster. Clear purple, tinted violet.

4111 Flora Norton. The clearest bright blue. 4126 Helen Pierce. White, veined and mottled bright blue.

4133 Hon. Mrs. E. Kenyon. The finest primrose-yellow.

4138 Janet Scott. A grand deep rich pink.

4152 King Edward VII. The finest crimson-scarlet.

4159 Lady Grisel Hamilton. A grand pale lavender. 4165 Lovely. Soft shell-pink; a lovely shade.

4167 Lord Nelson. The richest deep navy-blue. 4173 Miss Willmott. Brilliant orange-pink; very large.

4179 Mrs. Walter Wright. An exquisite shade of mauve 4201 Prima Donna. A magnificent pure pink.

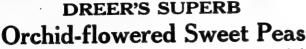
4203 Prince of Wales. The finest bright rose. 4212 Queen Alexandra. Almost a pure scarlet.

4234 St. George. Brilliant orange-scarlet.

Price. Any of the above, 5 cts. per pkt.; 15 cts. per oz.. 40 cts. per  $\frac{1}{4}$  lb. 

4252 Dreer's "Peerless" Mixture. This mixture contains nothing but the finest grandiflora varieties blended with the greatest care so as to produce best color effect. 5 cts. per pkt.; 10 cts. per oz.; 30 cts. per 1 lb.; \$1.00 per lb.

4270 Cupid, Dwarf or Bedding Mixed. These form a line of emerald-green foliage a little over a foot wide and 6 inches high, and from June until late summer are literally a sheet of bloom; the mixture contains all the colors. 5 cts. per pkt.; 15 cts. per oz.; 50 cts. per 1 lb.; \$1.50 per lb.



this wonderful type, which are quite distinct, having large, round open flowers of extraordinary size, usually measuring two inches across, with wavy standards and widespreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting. All the sorts offered below have been thoroughly tested and are just as easy to grow

as the grandiflora varieties. For colored plate and list of the finest sorts, also for the latest introductions, see page 54.

4062 Apple Blossom Spencer. Rose and blush-pink.

4065 Asta Ohn. Soft lavender tinged mauve. 4064 Aurora Spencer. Striped and flaked salmon-rose on a white ground; very large.

4067 Barbara. Beautiful rich salmon.

4074 Blanche Ferry Spencer. Identical in color to the popular pink and white Blanche Ferry; immense wavy flowers.

4086 Countess Spencer. A lovely soft

rosy-pink, shading deeper at the edges, the original of this type.

4092 Dainty Spencer. White, edged with rosy-pink.

4095 Dobbie's Cream. The finest primrosevellow. 10 cts. per pkt.; 30 cts per oz.; \$1.00 per \(\frac{1}{4}\) lb.

4097 Elfrida Pearson. The finest and largest

light pink. 10 cts. per pkt.; 30 cts. per oz.; \$1.00 per \( \frac{1}{2} \) lb.

4106 Florence Nightingale. The largest and finest pure lavender. 10 cts. per pkt.; 30 cts. per oz.; \( \frac{5}{2} \) 1.00 per \( \frac{1}{2} \) lb.

4107 Florence Morse Spencer. Delicate blush with pink margin; a charmingly beautiful flower of very large size. 4108 Flora Norton Spencer. Clear azure-blue.

4112 Frank Dolby. A fine large pale lavender-blue.

4117 George Herbert. Bright rose-carmine; very showy. 4120 Gladys Unwin. Charming pale rose-pink.

4125 Helen Lewis (Orange Countess). Brilliant

crimson-orange; wings orange-rose.
4153 King Edward Spencer. Bright crimsonscarlet.

4154 King White. The finest pure white.

per pkt.; 50 cts. per oz.; \$1.50 per \{1\} lb.
4172 Margaret Atlee. The best rich pink. 15 cts. per pkt.; 50 cts. per oz.; \$1.50 per  $\frac{1}{4}$  lb. 4180 Mrs. Cuthbertson. The finest bicolor, stan-

dard rose-pink, wings blush white.

4181 Mrs. Routzahn Spencer. Soft chamois-pink, a beautiful shade, and charming as a cut flower.

4182 Mrs. Walter Wright Spencer. A beautiful shade of deep mauve.

4185 Mrs. Hugh Dickson. Beautiful salmon-pink on a cream ground, extra fine.

4186 Nora Unwin. A superb pure white.

4192 Othello Spencer. Rich deep maroon of immense size. 4198 Primrose Spencer. Asplendidprimrose-yellow.

4204 Prince of Wales Spencer (Marie Corelli). brilliant rosy-red of exceptional large size.

4211 Queen Alexandra Spencer. One of the finest yet introduced. In color a rich bright scarlet; flowers of largest size.

4223 Royal Purple. Rich royal purple. 15 cts. per pkt.; \$1,00 per oz.

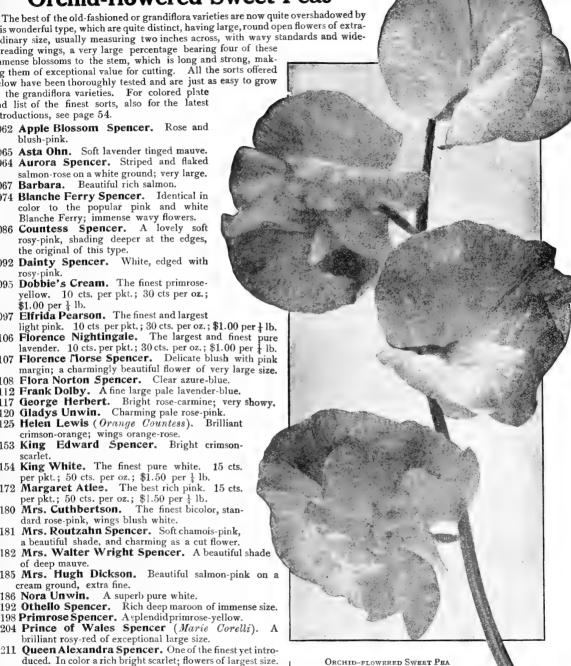
4231 Scarlet Emperor. Rich deep scarlet; extra large. 10 cts. per pkt.; 30 cts. per oz.; \$1.00 per \( \frac{1}{4} \) lb.

4236 Thomas Stevenson. Brilliant orange-scarlet, the most striking color of all. 4242 White Spencer. A pure wavy white of enormous

size and splendid substance; long, strong stems. 4241 Wedgwood. Bright silvery or wedgwood-blue. 15 cts. per pkt.; 50 cts. per oz.; \$1.50 per \( \frac{1}{4} \) lb.

Price. Any of the above, except where noted, 10 cts. per pkt.; 25 cts. per oz.; 75 cts. per  $\frac{1}{4}$  lb.

4239 Collection of a packet each of the entire 33 varieties offered above, \$2.50.



**DREER'S** DRCHID-FLOWERED SWEET PEAS IN MIXTURE

MARGARET ATLES

4260 Read what we say about this type at top of this page. They represent the highest achievement in Sweet Peas to date, and this mixture has been made up of named sorts only, insuring a well balanced range of colors and it would be impossible to get anything of higher quality at any price. 10 cts. per pkt.; 20 cts. per oz.; 60 cts. per 1 lb.; \$2.00 per lb.

The Stock is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed.

#### IMPROVED LARGE=FLOWERING 10=WEEK STOCKS.

This is the leading class for bedding out for summer blooming, coming into flower quicker than the other types.

PER PKT. PER PKT.
4011 Blood=red 10   4015 Purple 10
4013 Light Blue
4014 Bright Pink
4020 <b>Mixed.</b> Double large-flowering. \(\frac{1}{2}\) oz., 50 cts
4018 Collection. A packet each of above 6 colors
4027 <b>Snowflake.</b> A dwarf 10-week variety with large double snow-
white flowers; fine for pot culture

#### CUT-AND-COME-AGAIN 10-WEEK STOCKS.

Splendid perpetual-blooming class; sown in March or April they begin flowering in July, continuing until frost, and are especially valuable during September and October, when other flowers are scarce; they throw out numerous side branches, all bearing very double, fragrant flowers.

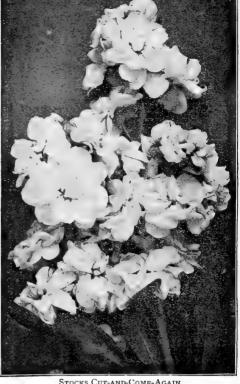
4031	Princess Alice. White 1	5   4034	Sapphire.	Dark blue.	. 15
4032	La France. Rose 1	5 4035	Creole. C	reamy vellow	15
4033	Brilliant. Blood-red 1	5   4036	May Oueer	<ol> <li>Delicate lil</li> </ol>	ac-15
4040	Finest Mixed. All colors	s. g oz.,	75 cts		. 10
4039	Collection of a packet each	h of the siz	colors		60
	BEARMOTH ELONG	EDING P			

#### MAMMOTH-FLOWERING BEAUTY STOCKS.

A magnificent recently developed strain of early flowering Winter or Brompton Stocks, forming much-branched plants about 2 feet high and having numerous spikes of very large, double, delightfully fragrant flowers; they are of special value as pot plants for greenhouse decoration and for cutting during the dull winter months, for this purpose seed should be sown from July to September; if sown in February or

March will produce plants that will bloom out of doors from midsummer till frost.

	PER PKI.
	Beauty of Nice. Delicate flesh-pink 15
	Crimson King. Rich blood crimson
4045	Mont Blanc. Purest White
4046	Monte Carlo. Canary yellow
4041	Queen Alexandra. Soft rosy-lilac
4047	Summer Night. Rich deep blue
4049	Collection of the 6 colors
<b>4</b> 050	Choicest Mixed. All colors



STOCKS CUT-AND-COME-AGAIN

#### SMILAX (Myrsiphyllum Asparagoides).

3981 In many respects the Smilax is the most useful, and it is certainly one of the most graceful climbers which adorns the greenhouse or conservatory; for bouquets and floral decorations it is indispensable. 4 oz., 25 cts. 10

#### SOLANUM.

3991 Capsicastrum (Jerusalem Cherry). This is a very useful pot plant for winter decoration. It is of dwarf, useful pot plant for winter decoration. branching habit, leaves small and oval-shaped, bearing in the greatest profusion bright scarlet globular berries. 

3992 - Fra Diavalo. A new variety of the above, of close, compact growth, with foliage somewhat smaller and lighter green. The small, bright scarlet fruits remain on the plant a long time and make it a beau-STATICE (Sea Lavender).

Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute flowers, which can be dried and used for winter bouquets. 

STEVIA.

4001 Serrata. Free-blooming plants, bearing a multitude of fragrant pure white flowers; suitable for summer or winter blooming; largely used for

#### STOKESIA (Cornflower Aster).

- 4051 Cyanea. This is not new, but is a rare and beautiful hardy perennial, and was shown in colors on the cover of our 1903 catalogue. The plant grows about 24 inches high, each bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms; in bloom from July till frost. One of the choicest subjects for the hardy border and indispensable for cut-(See cut.) 1 oz., 30 cts.....



STOKESIA (CORNFLOWER ASTER)

#### SWEET WILLIAM (Dianthus Barbatus).

(London Tufts.)

A well-known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous, young plants from seed every season than to divide the old plants.

vide the old plants.		
	PER PKT. PER P	KT.
4288 Single White.	5   4286 Single Velvety Maroon	5
4283 — Crimson	$\dots \dots $	. 5
4285 — Scarlet		. 5
4289 Collection of a	acket each of the above six colors	.25
4292 Single Mixed.	All colors. Per oz., 40 cts	5
	4282 Newport Pink. A distinct new color	
	which originated in one of the far-famed	
	gardens at Newport, R. I. In color it is	
	what florists call watermelon pink or sal-	

4281 Scarlet Beauty. A very effective rich, deep scarlet variety. 2 pkts., 25 cts.... 15
4291 Holborn Glory. This strain is a large-

4291 Holborn Glory. This strain is a large-flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams. The individual flowers and trusses are of extraordinary size, while the range of color, all showing a clear, white eye, is truly superb, \(\frac{1}{4}\) oz., 25 cts..... 10

4297 Double Mixed. Allcolors. \(\frac{1}{4}\) oz., 30 cts. 10

2342 Everblooming Hybrid (Dianthus latifolius atrococcineus Fl. Pl.) A variety which blooms the first season from seed. Color intense crimson-scarlet; a really fine hardy plant of very easy cul-



A well-known, attra did effect in beds and a better to raise new, vig vide the old plants.

4288 Single White.
4283 — Crimson...
4285 — Scarlet...
4289 Collection of a 4292 Single Mixed.

Double and Single Sweet William

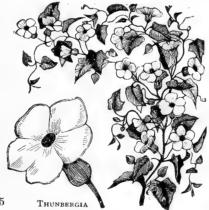
#### SWEET

#### ROCKET.

(Hesperis.)

PER PET

4278 Old-fashioned garden plant; also known as Dame's Rocket and Dame's Violet; grows from 2 to 3 feet high, and bears spikes of showy white, lilac and purplefragrant flowers. Excellent for naturalizing among shrubbery or for planting in a permanent border; mixed colors. (See cut.) Oz., 30 cts......



#### TAGETES.

4301 Signata Pumila. A dwarf, compact, bushy annual Marigold, with beautiful, delicate, fern like leaves, densely covered with flowers of bright golden yellow; a first-class border plant; illustrated on page 116.

4 oz., 30 cts....

#### THUNBERGIA.

(Black-eyed Susan.)

4310 Beautiful, rapid-growing annual climbers, preferring a warm, sunny situation; used extensively in hanging-baskets, vases, low fences, etc., very pretty flowers in buff, white, orange, etc., with dark eyes; mixed colors; 4 feet. (See cut.) \( \frac{1}{4} \) oz., 25 cts

#### TORENIA.

SWEET ROCKET



DREER'S MAMMOTH VERBENAS

#### TRITOMA.

(Red-hot Poker, Flame Flower, or Torch Lily.)

4330 Hybrida. The introduction of new, continuous flowering Tritomas has given them a prominent place among hardy bedding plants. It is not generally known that they are readily grown from seed, many flowering

> the first year if sown early. The seed we offer has been saved from our own collection, which is undoubtedly the finest in this country. Of course, for immediate results it will be better to get plants, but raising them from seed is highly interesting. 2 pkts., 25 cts....................... 15

#### TUNICA.

4335 Saxifraga. A neat, tufted hardy perennial plant, growing but a few inches high and bearing throughout the entire season numerous elegant pink flowers. Will thrive anywhere, but is especially adapted for the rockery or the margin of the hardy border; blooms the first season.... 10

#### VALERIANA (Valerian).

4340 Rubra, Mixed. Showy, hardy border plants, producing large corymbs of red or white flowers; fine for bouquets; mixed; 2 feet. \(\frac{1}{4}\) oz., 25 cts.....

#### VINCA (Madigascar Periwinkle, or Old Maid).

Ornamental free-blooming plants and one of the most satisfactory flowering bedding plants we have. It is best to start the seed early indoors or in a hot-bed, but they begin blooming in August from seed sown out of doors in May, or as soon as the ground is warm, continuing until frost; or they may be potted and kept in bloom through the winter; a fine cut flower, every bud opening when placed in water. 2 feet. (See cut.)

4381 Rosea. Rose, dark eye..... 4382 — Alba. White, crimson eye...... 10 4390 — Mixed. All the colors.  $\frac{1}{4}$  oz., 30 cts......

#### DREER'S MAMMOTH VERBENAS.

We have been carefully selecting and improving this fine strain of Verbenas for years, and can recommend it as the very best procurable. The trusses and individual flowers are of the largest size, of brilliant colors, free-blooming and of vigorous habit. For best and quickest results seed should be sown early in the house or hot-bed, and transplanted to flowering quarters in May. If sown outdoors in May, it blooms from the end of July on. Verbenas are better grown from seed than from cuttings, being more vigorous and not liable to disease.

	2011 cutting 80) noting more 1180		
(See	cut.) PER PKT.	PER PK	т.
4351	Pink	4354 Striped 1	0
4352	Purple 10	4355 White 1	0
4353	Scarlet 10	4356 Blue 1	0
4360	<b>Dreer's Mammoth Mixe</b>	<b>d.</b> ½ oz., 50 cts	0
4359	Collection of Mammoth Ver	rbenas, 6 colors 5	50
4361	Hybrida, Fine Mixed. Al	l colors of the older sorts. $\frac{1}{4}$ oz.,	
	25 cts		5
	TI A TRACTICE T	CHARLES TO HAVE A CO	

#### VARIOUS VERBENAS.

4366 Lemon Verbena (Aloysia Citriodora). Every garden should have a few plants of this fragrant favorite. Its pale green delightfully scented foliage goes well with any flower.. 10

4365 Erinoides (Moss Verbena). This lovely variety produces a mass of moss-like foliage, spreading over the ground like a carpet, above which are borne heads of purplish-blue and white blossoms in lavish profusion; comes into flower in June

> For beds, baskets or rockeries it is highly desirable 10 4367 Venosa (Hardy Garden Verbena). variety is largely used for bedding purposes. It is a strong, thrifty grower, about 1 foot high, and covered from early summer until late fall with its bright purplish-helio-

and continues until frost.



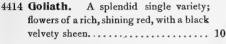
10

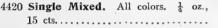
4412 Cardinalis. Brilliant cardinal-crimson; very bright and effective.... 10 4413 Mixed. Containing about six different colors, some with dark eyes. 5

#### WALLFLOWER.

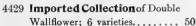
Well-known deliciously fragrant half-hardy perennials, blooming early in the spring, with spikes of beautiful flowers. They should be protected in a cold frame in the winter and planted out in April.

4415	Paris Extra Early.	A beautiful single variety, which may be treated
	as an annual, flowering	through the summer from seed sown in spring.
	1 oz., 25 cts	









4419 Imported Collection of Single Wallflower; 6 varieties...... 40

#### WATER LILY SEEDS.

We annually save a quantity of these at our aquatic gardens, Riverton, N. J., and offer a selection of the same on page 100.

ZINNIA HAAGEANA

Perfection



VISCARIA

#### WILD GARDEN FLOWER SEEDS.

Under this heading we offer a mixture of the easiest and surest growing kinds that can be sown

broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting.

4550 Dwarf Sorts. Growing from 12 to 18 inches high. 25 cts. per oz..... 10

4560 Tall Sorts. Growing from 18 to 36 inches high. 25 cts. per oz. 10

#### XERANTHEMUM.

(Everlasting or Immortelle.)

4433 Annuum. One of the prettiest and most satisfactory of the Ever-

lastings, bearing an abundance of bright rose, purple and white flowers, which are not only showy in the garden, but very useful as dried flowers in winter bouquets. Grows about 3 feet high and can be sown in the open ground early in May, growing readily in any open, sunny position, remaining in bloom from early sum-



The more important varieties of this indispensable long-flowering annual is offered on page 118, but the sorts offered below should not be overlooked, all being well worth growing.

4481 Haageana Perfection. A very dwarf variety, bearing small double flowers of unusual colorings; makes a beau-

4485 Red Riding-Hood. This little gem grows but a foot high; of compact form and covered the entire season with little button-like, intense scarlet, very double flowers not over an inch across; as a border it is highly effective \(\frac{1}{4}\) oz., 25 cts..... 10

4490 Single Mixed. For bedding these are very effective, and are by many considered more artistic than the double-flowering sorts. ½ oz., 25 cts.....

4500 Tall Double. The old-fashioned tall-growing variety; 3 feet; 

4510 Zebra. A very pretty strain with striped flowers. As the colors vary on each plant, they present a curious as well as a beautiful appearance. \(\frac{1}{4}\) oz., 25 cts ..... 10





Dreer's Improved Large-flowering Dwarf Zinnias

## DREER'S CHOICE ZINNIAS (YOUTH AND OLD AGE)

The Zinnia is one of the most brilliant, showy and satisfactory of annuals, and has long been a general favorite. The seed can be sown early in the hotbed or light window and transplanted, or sown later in the open ground. They come into flower early in the summer and keep on blooming until hard frost. The varieties offered below are the most important kinds, but the sorts offered on page 117 should not be overlooked.

# DREER'S IMPROVED LARGE-FLOWERING DWARF. This we consider the best Zinnia for general use, forming

bushy, compact plants not over 2 feet high, and bearing large

 perfect double flowers.
 PER 1/402
 PER 1/402</

4459 Collection of a packet each of the above 7 sorts, 30 cts.
4460 Finest Mixed. All colors of the Improved



#### DREER'S SPECIAL STRAIN OF

#### GIANT DOUBLE SORTS.

A special strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet, and bearing on long, strong stems numerous semi-globular, mostly very double flowers, all of the largest size, making them of great value in large beds, borders, etc.; grown under favorable conditions they remain in bloom from early summer to late autumn.

We offer six of the most wanted colors, separately, as well as a splendid mixture of many colors, as under:

4511 Giant Golden=yellow	15
4512 Giant Scarlet	15
4513 Giant White	15
4514 Giant Flesh=color	15
4515 Giant Sulphur=yellow	15
4516 Giant Crimson	15
4519 Collection of a packet each of the above 6 colors	75

4520 Glant Mixed. All colors. Per  $\frac{1}{4}$  oz., 40 cts....... 15



ENTRANCE TO OUR RIVERVIEW NURSERY, RIVERTON, N. J.

. It is generally conceded that we have the most modern and best-equipped general Plant Nurseries in the world today. The offerings of the various departments will be found in this catalogue as under—

PAGES		PA	GES
Garden and Greenhouse Plants 120 to 172	Hardy Climbing Plants	to 2	261
Roses	Small Fruits	to 2	264
Hardy Perennial Plants	Vegetable Plants and Roots	- 2	264
<b>Hardy Shrubs</b>	Water Lilies and Aquatics	to 2	274
			_

The attention of our customers is respectfully called to the following notes regarding the filling and forwarding of orders for Plants, Roots and Bulbs:

TIME OF SHIPMENT.—All orders, unless instructed to the contrary, are executed and forwarded on receipt. Customers placing orders for stocks to be reserved and sent later must distinctly specify this at the time of ordering.

HOW WE SHIP.—All Plants, Roots and Bulbs are forwarded by express, purchaser paying charges, which are now very reasonable. For those of our customers who live at a distance from an express office, making it more convenient for them to receive their goods by parcel post, we will be pleased to forward in this manner such plants, etc., as can be sent in this way at the following additional cost to cover postage, which must be added to the value of each order for Plants, Roots or Bulbs:

To all points East of the Mississippi River, 10 per cent. extra.

"West" "20 ""

Heavy Plants, such as Azaleas, Camellias, Shrubs, Tree Roses, as well as the larger sizes of Palms, and other ornamental foliage and flowering plants, cannot be sent by mail.

We strongly recommend our customers to have all their orders forwarded by express, as our experience shows that this method is not only quicker and safer, but also cheaper than parcel post, except on small packages. SAFE ARRIVAL GUARANTEED.—We guarantee the safe arrival of all goods sent by express or mail to points in the U. S. If a package sent by express or mail is injured or lost we will replace it as soon as informed of the fact, Goods sent in any other way are solely at purchaser's risk. Claims for damages must be made on receipt of goods. We do not hold ourselves responsible for failure after delivery of the goods in good condition.

SHIPMENTS BY STEAMBOAT.—Fast lines of steamboats connect Philadelphia with Baltimore, Boston, Fall River, Norfolk, Richmond, Savannah, Troy and Albany. This forms a convenient, cheap and safe method of transportation, except during severe cold weather.

PLANTS BY RAILROAD FREIGHT.—Shrubs, Hedge Plants and other dormant stock can be forwarded safely by fast freight lines even to distant points at low rates.

FOREIGN SHIPMENTS.—We are constantly making shipments of Seeds, Plants, Bulbs, etc., to Europe, Cuba, the U. S. Possessions in the East, etc., and by our careful system of packing it is unusual for the goods to reach their destination in anything but the best condition.

PACKING FREE.—We make no charge for boxes, packing or delivery to any Express, Freight or Steamship Line in Philadelphia.

PLANTING TABLE.—The table below shows the number of plants required to fill a circular bed of the dimensions given. In planting begin outside row—where 6 inches apart, 3 inches from edge of bed; where 12 inches apart, 6 inches from edge of bed. It is customary among professionals in planting a bed to set the plants somewhat closer together in the two outer rows, giving more space between each plant towards the centre of the bed.

Diameter of bed	6 in. apart.	12 in. apart.	18 in. apart.	24 in, apart.	30 in. apart.	Diameter of bed.	6 in. apart.	12 in. apart.	18 in. apart.	24 in. apart.	30 in. apart.
3 feet	28	7				12 feet	452	113	50	28	18
4 "	48	12	6	ļ		13 "	528	132	59	33	22
5 "	80	20	8			14 "	. 612	153	68	39	25
€ "	112	28	13	7		15 ''	704	176	78	44	28
7 "	152	38	17	9		16 "	804	201	89	50	32
8 "	200	50	23	12		17 "	904	226	100	57	~36
9 "	256	64	28	16		-18 "	1016	254	113	63	40
10 "	320	80	36	20	13	.: 19 "	1132	283	126	71	-46
11 ".	380	95	42	24	16	20 "	1256	314	139	78	50

A square bed will take about the same number of plants. For an oval bed, add length and breadth and divide by 2. For example, an oval 7 feet long by 5 feet wide will require same number of plants as a circular bed 6 feet in diameter.

## Garden and Greenhouse

# PLANTS AND BULBS

Please read what we say regarding filling and forwarding of Plant Orders on page 110. 3



#### ABUTILONS.

Desirable free-flowering plants for the window garden or for bedding in summer.

Boule de Neige. A free-flowering pure white.

Golden Fleece. A splendid large, pure yellow.

Savitzi. Foliage green and white; extensively used for bedding.

Splendens. Bright red, veined with crimson.

10 cts. each; \$1.00 per doz.

#### ACALYPHA.

Macafeana. A splendidly variegated bedding plant, with crimson and bronze mottled foliage. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.



## AGAPANTHUS.

Umbellatus. (Blue Lily of the Nile.) A splendid ornamental plant, bearing clusters of bright blue flowers on 3-. foot long flower stalks and lasting a long time in bloom. A most desirable plant for outdoor decoration, planted in large pots or tubs on the lawn or piazza.

Albus. A white-flowering variety.

Mooreanus. Of dwarf habit growing only about 2 feet high; flowers dark blue, not quite so large as the type, but produced more freely.

25 cts. each; \$2.50 per doz.

#### AGERATUM (Floss Flower).

One of the best of bedding plants; always in bloom. Inimitable. Bright lavender-blue; very large. Mont Blanc. Large-flowered white. Princess Pauline. Blue, white centre.
10 cts. each; \$1.00 per doz.; \$6.00 per 100.

#### AGLAONEMA.

Costatum. A dwarf-growing Aroid, suitable for the conservatory or window garden. Very compact, heart-shaped leaves of dark, shining green, with white midrib and scattering blotches of white. 50 cts. each; \$5.00 per doz.

#### ALLAMANDA.

Hendersoni. A strong-growing variety, well suited for growon a trellis; large golden-yellow flowers. 35 cts. each; \$3.50 ner doz.

Williamsi. This handsome variety is entirely distinct from all others, being quite dwarf and forming a compact bush with trusses of bloom at every point. The flowers are 3 inches in diameter, of a very rich, yet delicate, tint of yellow, deliciously scented; a fine plant for the window garden or conservatory. 35 cts. each; \$3.50 per doz.

#### ALOYSIA (Lemon Verbena).

Citriodora. Well-known, popular, fragrant favorite. 10 cts. each. \$1.00 per doz.

#### ALPINIA.

Sanderæ. A handsome new species from New Guinea of this useful class of stove plants, with erect stems and short-stalked, glabrous leaves, of a rich shining green, regularly striped at close intervals with broad white bands diverging from the midrib to the margin. 75 cts. each.

#### ACHYRANTHES.

Acuminata. Bronzy-purple foliage. Emersoni. Narrow, deep red foliage. Victor Brossilon. Foliage rich crimson. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

#### ÆSCHYNANTHUS.

Grandiflorus. A pretty trailing or basket plant for the window or conservatory, bearing attractive orange-scarlet flowers, 25 cts. each.



AGAPANTHUS UMBELLATUS

#### ALTERNANTHERA.

Bright foliaged plants of dwarf habit, much used for carpet bedding.

Aurea Nana. Bright vellow foliage.

Brilliantissima. Dwarf growing, bright red foliage.

Jewel. A new large-leaved bright crimson.

Rosea Nana. Dwarf; rosy-crimson foliage.

Versicolor. Olive, crimson and chocolate.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

#### ALYSSUM (Sweet Alyssum).

Little Gem. The dwarf white variety so much used for edging. 75 cts. per doz.; \$6.00 per 100.

#### AMARYLLIS (Hippeastrum).

The Amaryllis is pre-eminently a window-garden plant for the amateur, producing under the simplest conditions one, two, or even three spikes, two feet or more high, which are crowned with from three to six large and gorgeous trumpetshaped blooms, which last long in good condition. For full cultural directions see our new book, "Dreer's Hints on the Growing of

Bulbs." Price, 50 cts. Copies free to customers who ask for it when ordering.

Dreer's American Hybrids. In offering this selection of seedlings we believe that they are the best obtainable at the present time, and we know of nothing that we can recommend that will give the amateur greater pleasure for his window garden. They have been grown from seed which has been produced by crossing the finest named varieties obtained from the most noted specialists, the cream of their collections, and the resulting strain embodies, with vigorous growth, free-flowering habit and enormous size of the individual flowers, a really wonderful range of colors, varying from deep crimson to bright orange-scarlet, and from light rose to almost pure white, many of them beautiful combinations in stripes and variegations. Mixed varieties only in very strong bulbs, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

Empress of India. Very large flowers of vivid scarlet with white stripes, 75 cts. each

Formosissima (Jacobaan Lily). Brilliant crimson, free and early. 15 cts. each; \$1.50 per doz.

One each of the above 6, a splendid collection, for \$3.00.



striped with white. 35 cts. each; \$3.50 per doz.

Solandriflora Conspicua. Striped white, green and rose. 75 cts. each.

Vittata Hybrids. Beautiful striped, flaked and feathered varieties; grown for us by specialists. 50 cts. each.

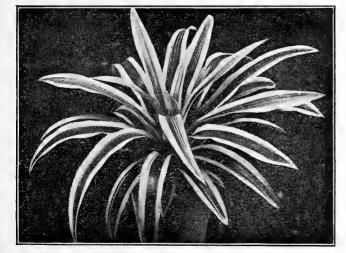
#### AMORPHOPHALLUS.

(Devil's Tongue, or Snake Palm.)

Rivieri. Particularly handsome plant for growing either in clumps or as a solitary specimen. Should be planted in May in warm, sunny situation in extra rich soil; the flowers appear before the leaves and rise to a height of 2 feet and resemble a gigantic black Calla. soon followed by the massive tropical looking leaves, supported by thick, beautifully marbled stems. Large bulbs, 30 cts. each; \$3.00 per doz.

#### ANANAS (Pineapple).

Sativus Variegatus (Variegated Pineapple). This is one of the most beautiful variegated foliage plants in cultivation, not only for the greenhouse or conservatory, but also as a plant for room decoration, for which purpose it is equal to the variegated forms of Pandanus, which it somewhat resembles in style of growth; the leaves are from 2 to 3 feet long, with a central band of bright green broadly margined with rich creamyyellow, tinged with red towards the closely serrated edges. 4-inch pots, \$1.00 each; 5-inch pots, \$1.50 each.



Ananas (Variegated Pineapple)



#### ANTHERICUM.

Comosum (Mandaianum). A pretty variegated plant well adapted for use in hanging baskets, or as an edging for porch or window boxes, with graceful, 4 to 6 inch long, deep green foliage with a band of creamy yellow through the centre. 25 cts. each: \$2.50 per doz.

#### ANTHURIUM (Flamingo Flower).

Pretty greenhouse plants that have many good qualities, not only as decorative plants, but as cut flowers. Their peculiarshaped flowers of rich colorings frequently last on the plant from two to three months.

Andreanum Hybrids. A fine collection of seedlings, from which we can select the following colors, all in large size flowers-red, rose and crimson. \$1.00 and \$1.50 each.

Scherzerianum. Brilliant scarlet flowers. 50 cts. and \$1.00

- Album. White. \$1.50 each.
- Atrosanguineum. Rich crimson. \$1.00 each.
- Mme. Dalliere. Soft salmon-pink. \$1.00 each.
- Rothschildianum. White spotted with crimson. \$1.00 each. Crystallinum. Grown for its beautiful foliage, which is rich

olive-green with silvery veins. \$1.00 each.

Regale. Large foliage, which when first opening is tinted with rose, changing to a dark metallic-green. \$1,00 each.

#### ANTIRRHINUM (Snapdragon).

Dreer's Large-flowering Half-dwarf. Popular plants for bedding and for cutting. We offer the six distinct colors offered and described on page 65. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

#### ARALIA.

Handsome decorative foliage plants for the warm conservatory and for exhibition purposes.

habrieri. Long narrow, deep-green foliage, with crimson-bronze midrib. \$1.00 each. Chabrieri.

Elegantissima. Finely divided metallic-green foliage.

Kerchoveana. Foliage rather broad, margins undulated, of a deep, glossy green, relieved by a pale midrib. \$1.00 each.

Veitchi Gracillima. A handsome species, with narrow leaflets, having undulated edges of a dark green above and red underneath; a fine table plant. \$1.00 each.

#### ARAUCARIA (Norfolk Island Pine).

Excelsa (Norfolk Island Pine).										
4-inch pots,	6 to 8 inches high 50	cts. each.								
5 "	10 to 12 " "	cts. "								
6 "	12 to 14 " "\$1.0	00 "								
6 "	14 to 16 " 1.5	60 66								
7 "	18 to 20 "	0 "								
Excelsa Glauca (Glaucous-leaved Norfolk Island Pine).										
5-inch pots,	8 to 10 inches high \$	1.00 each.								
6 "	12 to 15 " . "	1.50 "								
Robusta Compacta (Compact Norfolk Island Pine).										
6-inch pots,	10 to 12 inches high\$	1.50 each.								
6 "	14 to 16 " "	2.00 "								

#### ARDISIA CRENULATA.

A very ornamental greenhouse plant, with dark evergreen foliage producing clusters of brilliant red berries; a first-class house plant in winter. Thrifty young plants, 50 cts. each. Fine plants for this season's fruiting, \$1.00 and \$1.50 each.

#### ASCLEPIAS.

Lanceolata. A very dainty white-flowered form of Milkweed, growing about 18 inches high with light graceful foliage, in bloom from early in July until the end of the season; a most desirable plant for the mixed border, or if treated as a pot plant it will also flower a good part of the winter in a sunny window-garden. 15 cts. each; \$1.50 per doz.

#### DREER'S SUPERB LATE BRANCHING ASTERS.

This is the finest type of China Aster for the amateur, being of strong, robust habit, growing  $2\frac{1}{2}$  feet high and bearing their large Chrysanthemum-like flowers from August to October. We can supply nice plants in May and June of the eight distinct colors offered on page 55. 60 cts. per doz.; \$4.00 per 100.

#### AUCUBA.

Japonica. This is a plant deserving a great deal more attention than it receives. Its foliage is of the richest, glossiest green, thickly spotted with yellow. A useful plant for the hall or enclosed porch in winter, while in summer it makes a most charming decoration for the veranda. Strong, bushy plants, 12 inches high, 50 cts. each; specimen plants, 11/2 feet high, 75 cts. each; 2 feet high, \$1.50 each; 3 feet, \$4.00 each.

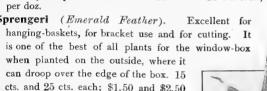


ARALIA ELEGANTISSIMA

#### ASPARAGUS.

Madagasceriensis. A distinct species which makes a splendid shapely, ornamental plant from 10 to 12 inches high, with rich dark olive-green. glossy foliage, reminding one of a small-leaved Ruscus; an attractive plant for the conservatory or window garden, particularly so when it becomes well set with its large orange-scarlet berries, which appear quite freely at the tips of the many small branches. 25 cts. each; \$2.50 per doz.

Plumosus Nanus (Asparagus Fern). If there is a better plant for table decoration than this we do not know it. The foliage is more delicate than that of the finest Fern, being lace-like in its filminess. A plant with half a dozen stalks is a mass of dainty, misty green, among which the stems of a few flowers can be thrust in such a manner as to make the combination far superior, artistically, to most expensive decorations prepared for the table by the professional florist. 15 cts. and 25 cts. each; \$1.50 and \$2.50 per doz.



PYRAMIDAL BAY TREE

119.



ASPIDISTRA LURIDA VARIEGATA



ASPARAGUS PLUMOSUS NANUS

#### ASPIDISTRA.

The Aspidistra is the easiest of all decorative plants to grow well. Give it a loamy soil and plenty of water, and it will ask for nothing more.

For veranda decoration in summer it is unexcelled. In the hall. at any season of the year, it will attract more attention than almost any plant that can be grown there. It is never injured by insects. Those who have "no luck" with other decorative plants ought by all means to try this. Simply keep it well watered and fertilized and it will grow for anyone.

Lurida. Green-leaved 50 cts., 75 cts. and \$1.00 each.

Lurida Variegata. A pretty variegated form, the foliage being striped with white. 75 cts. and \$1.00 each.

#### CHINESE AZALEAS.

These beautiful plants are deservedly popular for window and conservatory decorations.

We offer all	the de	esira	able var	ieti	es and	colors.			F	ACH	DOZ	٤.	
First size,	15 to	18	inches	in	diamet	ter,	 	 	\$2	00	\$20	00	
Second size,	12 to	15	6.6		6.6		 	 	1	L 50	15	00	
Third size,	10 to	12	44		66		 	 		75	7	50	
					AY				obilis)	).			

#### Dyramid-shaped

		1 7 1 4 11 1 14	Simpedi		
HEIGHT,	DIAMETER AT BASE,	EACH.	HEIGHT.	DIAMETER AT BASE	EACH.
3½ feet,	16 to 18 inches	<b>\$</b> 3 50	5½ feet,	26 to 28 inches	\$10 00
5 "	20 to 22 "	6 00	7 "	32 to 34 "	15 00
5 "	22 to 24 "	7 50			

#### Standard, or Tree-shaped.

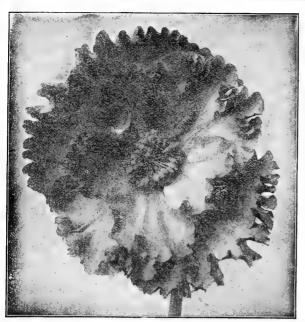
H	EIGHT O	F STEM.	DIAMETE	ER OF CRO	WN. EA	CH.	HEIGH	T OF STE	EM. DIAME				
	12 inc	hes,	15	inches,	\$3	00	45	inches,	26 to	28 in	ches,	\$10	00
	24	66	15	66	3	00	45	66	32 to	34	6.6	12	50
	24	66	24 to 2	26 "	7	50	60	66	40 to	42	6.6	15	00
	45	66	24 to 2	26 "	7	50	45	66	46 to	48	66	20	00

#### BOUVARDIA.

Humboldti Corymbiflora. A splendid late fall and early winter-flowering plant, producing clusters of Jasmine-like white flowers; a most valuable plant for the conservatory and window garden. Young plants, ready in April, 15 cts. each; \$1.50 per doz.

#### **BOUGAINVILLEA.**

Sanderlana. This beautiful free-flowering variety is very popular, especially as a plant for Easter. Its brilliant rosy-crimson blossoms are produced from early in March until midsummer; in fact, a plant will frequently flower the greater part of the year. 25 cts. each.



FRILLED TUBEROUS BEGONIA

# DREER'S SUPERB TUBEROUS=ROOTED BEGONIAS

This charming class of Begonias are perhaps the handsomest of all summer-flowering, tuberous-rooted plants, and deserve even greater popularity. Improvements made in recent years in size, texture and coloring are really phenomenal, with flowers measuring from 4 to 6 inches across, and colors ranging from the purest white and the most delicate tints of pink, yellow and orange to the most intense scarlet and richest crimson, while the double-flowering sorts are perfect rosettes, full and double to the centre. "Their culture is of the simplest, and, with the least

regard for their requirements, will repay with an abundance and brilliancy of bloom not equalled by any other class of plants. Their culture is fully described in our new book "Dreer's Hints on the Growing of Bulbs," price 50 cts.; copies free to customers who ask for it when ordering.

#### SINGLE TUBEROUS BEGONIAS.

We can supply these in the following colors, or in mixtures, as under: Scarlet, White, Pink, Crimson, Yellow and Orange. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Mixed. All colors. 8 cts. each; 75 cts. per doz.; \$5.00 per 100.

#### FRILLED TUBEROUS BEGONIAS.

This strain, by careful selection, has been wonderfully improved, until it is now unquestionably the finest of the tuberous-rooted section. The flowers are of large size, from 4 to 6 inches in diameter, with beautifully frilled and wavy petals, not unlike the finest single Petunias. We can supply in Red, White, Pink and Yellow. 20 cts. each; \$2.00 per doz.

#### DOUBLE-FLOWERING TUBEROUS BEGONIAS.

We can supply these in the following separate colors, also in mixture, as under:

Scarlet, Crimson, Pink, White and Yellow. 20 cts. each; \$2,00 per doz.

Mixed. All colors. 15 cts. each; \$1.50 per doz.

The two varieties offered below are of strong but dwarf habit, throwing up numberless stems, of full, double flowers, about  $1\frac{1}{2}$  inches across; from early in July until cut down by severe frost. A continuous display of color, which, for richness and intensity, is unapproached.

Zeppelin. Intense pure vermilion-scarlet.

Lafayette. Brilliant crimson-scarlet.

20 cts. each; \$2.00 per doz; \$15.00 per 100.

#### NEW DOUBLE-FRINGED TUBEROUS BEGONIAS.

(Begonia Hybrida Parrei.)

These new double-fringed, tuberous-rooted begonias are of large size, full, double form and brilliant colors, the edges of the petals deeply cut, or fringed, adding a most desirable character of lightness to the flowers. They are just as easy to grow as the ordinary tuberous rooted sorts. We offer three distinct colors:

White, Rose and Scarlet. 30 cts. each; \$3.00 per doz. One of each color for 75 cts.

#### FIBROUS-ROOTED BEGONIAS.

This class is entirely distinct from the tuberous-rooted sorts, and are among the freest-flowering ornamental leaved pot plants for house or conservatory decoration, flowering continuously summer and winter.

Alba Picta. Leaves glossy green, freely spotted with silverywhite; flowers white.

Argentea Guttata. Foliage of rich green, spotted with silver. Corallina Lucerna. Gigantic trusses of bronzy-red flowers, in bloom continuously from April to November.

Haageana. As a permanent plant for the window garden or the conservatory, this is one of the most desirable, and an easy variety to manage; the same plants can be carried from year to year, finally developing into grand specimens, which, during the winter months, are loaded with large trusses of creamy-white flowers suffused with pink, the foliage being bold and attractive, of a bronzy green above and reddish on the under side. 25 cts. each; \$2.50 per doz.

**Metallica.** Lustrous bronze-green foliage; veins depressed and dark red, rosy-white flowers.

Rubra (Coral Begonia). Flowers scarlet-rose; glossy and wax-like.

Saundersoni. Scarlet flowers; in bloom continually.

Price, except where noted, 15 cts. each; \$1.50 per doz. Set of 7 sorts for \$1.00.



BEGONIA CORALLINA LUCERNA

Fancy-leaved Caladiums

No other summer foliage plant equals the Fancy Caladiums in rich and gorgeous, yet soft coloring. All of the varieties are of marvellous beauty for the furnishing of the conservatory during the summer months, for window-boxes or even for outdoor bedding in shady or semi-shady positions. Their culture is fully described in our new book, "Dreer's Hints on the Growing of Bulbs." Price, 50 cents, or will be sent free to customers if asked for at time of ordering.

#### NEW AND RARE FANCY-LEAVED CALADIUMS.

The set of twelve varieties offered below is unquestionably the choicest collection of these beautiful foliage plants ever brought together, showing a delicacy of coloring and variegation which has never been surpassed.

Asteroid. Vivid-red centre with lighter red midrib and veins, green border, freckled red and pink.

Hortilania. Beautiful transparent rose with delicate white lines and narrow green border; one of the prettiest. 75 cts. each. lona Gale. Some leaves rose tinted, others white, transparent,

deeper red midrib, border green.

John Peed. Rich, dazzling red centre and bright green border. Marian A. MacAdow. Ground color silvery-green with bluish sheen, pink ribs and vems and few large, vivid red spots. Mrs. Fannie Stembridge Munson. Ground color deep violet rose, deeper red midrib and veins, and a few green lines

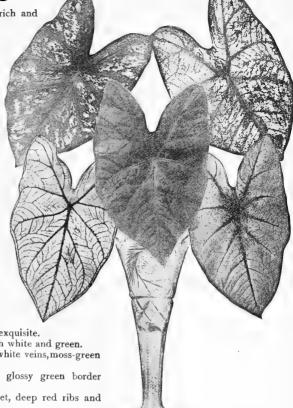
around the edge, one of the most exquisite. 75 cts. each.

Mrs. Jessie M. Thayer. Pink ground with velvety-red ribs, exquisite. Mucuripe. Ground color bright-rose, suffused and marbled with white and green.
Rio de Janeiro. One of the finest; a transparent rose with white veins, moss-green spots and deep red ribs.

Spangled Banner. Brilliant red centre, the bronze tinged glossy green border densely spotted with red.

Rosy-carmine ground color, suffused violet, deep red ribs and Susan B. Wight. veins, narrow green border; very distinct.

Tocatins. Transparent rose with green veins bordered with golden green. Price. Any of the above, except where noted, 50 cts. each; the set of 12 for \$5.00.



#### CHOICE STANDARD FANCY-LEAVED CALADIUMS.

Berose. Pink ribs on a metallic green ground.

Candidum. White ground with strongly marked green ribs. Coacoochee. Red rays on a green and white mottled ground.

Dr. Vilhena. Transparent claret-colored centre with white zone and green border.

CALADIUM ESCULENTUM (Elephant's Ear)

Fred. Bause. Rosy-carmine centre with green border.

Garteninspector Betz. Large foliage, green ground, marbled rosy-carmine, white and red.

NEW AND RARR

CALADIUMS

Garteninspector Gireaud. Creamy-yellow, clouded mossgreen, spotted pink.

Hildegard Nehrling. Ground color creamy-white, ribs Indianlake, marbled green, centre suffused mauve-rose.

Itapocu. Large red leaves with metallic reflections.

Macahe. Large green leaves with vivid red ribs and large transparent white spots.

Sorocaba. Green ground, rose centre, with net-like white veins. Wighti. Green ground profusely spotted red and white.

Price. Any of the choice standard varieties, 20 cts. each; the set of 12 sorts for \$2.00.

#### CALADIUM ESCULENTUM.

(Elephant's Ear.)

One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn; they are used extensively in many of the public parks, where their decorative value is greatly appreciated; a very fine combination is formed by using the Purple Fountain Grass offered on page 169 as a border. To obtain ple Fountain Grass offered on page 169 as a border. the best results it should be planted where it will obtain plenty of water and an abundance of rich compost. When full size it stands 6 to 10 feet high, and bears immense light green leaves, 3 to 4 feet long by  $2\frac{1}{2}$  feet wide.

			EACH	PER DOZ.	PER 100
Mammoth	bulbs.		25c	\$2.50	\$15.00
Large	6.6		15c	1.50	10.00
First size	66		10c	1.00	7.50
Second size	e "		7c	75c	5.00
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If wanted by Parcel Post add to above prices 10 cts.; 7 cts; 5 cts.; and 3 cts. each to cover charges.

## LARGE-FLOWERING CANNAS

No other bedding plant will give the same uniform good results in our varied and trying climate. They do well in all sections of the country and stand pre-eminently at the head of the list, succeeding in any sunny position in any kind of soil, but responding quickly to liberal treatment. For best results the beds should be spaded two feet deep and a liberal amount of well-decayed manure of any kind thoroughly incorporated, and at all times supplying water freely. For best effect plant in large masses of one color, setting out the plants 2 feet apart. To find the number of plants required for any bed from 3 to 20 feet in diameter see planting table on page 119. All have green foliage unless otherwise specified.

Cannas of Recent Introduction.

We secure for trial all promising new varieties of Cannas that are offered by European specialists, and very few of those tried out the past season were of sufficient merit to displace the varieties which we offered in 1915, consequently the "Sets" offered this year are composed largely of the same sorts as last year, with such omissions and additions as the season's trials showed desirable. We particularly recommend the five varieties which originated with us for their vigorous, healthy constitutions and free-flowering habits and offer them as

The Dreer Set of New Cannas of 1915 and 1916.

Eureka. During the past season this variety again proved itself the very best white for all purposes. of robust constitution, growing four feet high, forming sturdy, shapely plants very quickly. Its free-flowering qualities can be readily understood when we chronicle the fact that a small plant set out May 15th, three months later, or on August 15th, carried 15 immense heads of flowers, these are of a creamy-white changing in full sun to a pure white. Its superior merits are acknowledged by all who have seen it, and we claim it to be the best white Canna yet introduced. 40 cts. each; \$4.00 per doz.; \$30.00 per 100.

Favorite. There have been many spotted Cannas that were good, but in this we have a variety that in every particular eclipses all of its many predecessors. The color is a rich deep golden yellow, the red dots, not too pronounced, add to the piquancy of the flowers without detracting from the golden mass, produced on tall stems high above

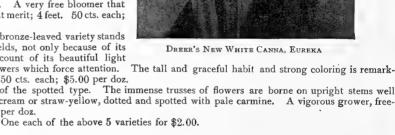
the foliage; 5 feet. 50 cts. each; \$5.00 per doz.

Orange Bedder. This is a particularly attractive variety, of a bright orange with just enough scarlet suffusion to intensify the dazzling mass of color when covered with flowers. A very free bloomer that we recommend as a bedding variety of great merit; 4 feet, 50 cts. each;

\$5.00 per doz.

Remarkable. This distinct and effective bronze-leaved variety stands out boldly above all other sorts in our fields, not only because of its height (over 6 feet), but chiefly on account of its beautiful light bronze foliage and the scarlet carmine flowers which force attention. able, a valuable addition; 6 to  $6\frac{1}{2}$  feet. 50 cts. each; \$5.00 per doz.

The Gem. This is a very pretty variety of the spotted type. The immense trusses of flowers are borne on upright stems well above the foliage. In color it is a deep cream or straw-yellow, dotted and spotted with pale carmine. A vigorous grower, freeflowering;  $4\frac{1}{2}$  feet. 50 cts. each; \$5.00 per doz.



#### Four New American Cannas.

While European growers gave us the first modern Cannas, it must be credited to American skill and patience that the Canna has arrived at its present high state of perfection and has become so popular as a bedding plant.

The four sterling novelties offered below have been thoroughly tested and found worthy:

Jane Adams. Color a deep rich yellow with a touch of red at the throat; a clean, vigorous grower of upright habit and very free-flowering;  $4\frac{1}{2}$  feet. 50 cts. each; \$5.00 per doz.

Mrs. Woodrow Wilson. A rich but soft crimson-pink,

with very large flowers with broad, overlapping petals. robust grower and free bloomer; 4 feet. \$1.00 each.

The color and markings of this splendid Canna are Panama. unusual; the rich orange-red face of the petals is bordered with a broad edge of golden-yellow; the florets are large and

produced very freely; 3 feet. 40 cts. each; \$4.00 per doz. Wintzer's Colossal. This is the largest-flowering Canna we have yet seen; individual florets often measure 8 inches across. The color is a bright scarlet. The plant is a strong, vigorous grower and very free-flowering; it is of the Italian or Orchidflowered type and is an unusually striking novelty; 5 feet. 50 cts. each; \$5.00 per doz.

We will supply one each of the 4 New American Cannas for \$2.00.

#### Five New German Cannas.

One of the distinctive features of the German Introductions in Cannas is their healthy, vigorous growth, and floriferous habit, all of which are important points in good garden varieties, the five varieties here offered are very distinct and superior:

Ehrenfels. Splendid rich orange-colored flowers of good size, formed into large trusses which are held well above the metallic bronze foliage; a splendid addition to the bronze-leaved type;  $4\frac{1}{2}$  feet. 50 cts. each; \$5.00 per doz.

Fanal. An intense, fiery cinnabar-red that compels attention; foliage deep green with narrow brown border; flowers produced very freely. The introducers claim this to be one of their best; 4 feet. 40 cts. each; \$4.00 per doz.

Goethe. This variety has been one of the most conspicuous and attractive in our fields. It grows about  $4\frac{1}{2}$  feet high with massive, beautiful green foliage; the flowers are borne high above the plant in large; graceful trusses, and are of an effective, beautiful, bronzy-orange-yellow. 75 cts. each.

Koenigin der Gelben. A very free-flowering pale canaryyellow, with large trusses well above the foliage;  $3\frac{1}{2}$  to 4 feet. 40 cts. each; \$4.00 per doz.

Rheinstein. A very distinct, refreshing, clear, bright carmine in good compact trusses; 4 feet. 40 cts. each; \$4.00 per doz. One each of the 5 sorts for \$2.00.

## GARDEN AND GREENHOUSE PLANTS



NEW FRENCH CANNA FRANCIS BERTIE

Czuczor. A dwarf, compact-grower producing large trusses of florets of a very delicate pink shade with cream-colored throat and border; 3 feet. 40 cts. each; \$4.00 per doz.

Garam. Very large bright carmine-red flowers, freely produced on very vigorous growing plants, very distinct; 31 to 4 feet. 15 cts. each; \$1.50 per doz.; \$8.00 per 100.

Koros. A bronze-leaved variety, flowers an attractive shade of orange scarlet, streaked and dotted with cochineal-carmine; 4 to  $4\frac{1}{2}$  feet. 15 cts. each; \$1.50 per doz.; \$8.00 per 100.

Very robust growing, producing immense trusses of large well formed flowers of a peculiarly attractive shade of orange-scarlet; 4 feet. 75 cts. each; \$7.50 per doz.

#### SIX NEW FRENCH CANNAS.

The modern large-flowering Cannas originally were the achievement of French hybridizers. One of the first introductions to attract universal attention was Mme. Crozy, a beautiful variety which we still grow extensively, followed later by Souvenir de Antoine Crozy, Louis Reverchon, and many other beautiful sorts. The six varieties now offered are all distinct and interesting.

Arc-en-ciel. Exceedingly floriferous, producing great quantities of rosy-salmon flowers. The color and form are unique and very attractive; 3 to 3½ feet. 40 cts. each; \$4.00 per

Faisan dore. A variety with pretty bronze foliage surmounted by apricot-carmine flowers with golden sheen; an unusual and striking color; 3½ feet. 40 cts. each; \$4.00 per doz.

Francis Bertie. An unusually pretty shade of carmine, flowers large, of perfect form, and freely produced; 31 feet, 40 cts. each; \$4.00 per doz.

Firebird (Oiseau de Feu). A remarkable novelty with perfectly formed flowers, 7 to 8 inches in diameter, of a brilliant cardinal-red; the foliage is of heavy, leathery texture; requires rich soil for best development; 4 feet. 50 cts. each; \$5.00 per doz.

Goldbird (Oiseau d'Or). The individual flowers of this variety are equal to those of Firebird to which it is a good companion, flowers a soft buttercup-yellow, produced in immense trusses, plants very vigorous; 4½ feet. \$1.00 each.

Prince de Galles. Very large flowers of good substance, of a clear cerise with rosy-carmine centre. 40 cts. each; \$4.00 per

We will supply one each of the set of 6 French varieties for \$2.75.

#### SEVEN NEW HUNGARIAN CANNAS.

We are indebted to Hungaria for the magnificent pink Canna "Hungaria," which is one of the most beautiful and refined in our collection. In the seven sorts now offered there is a great variety of novel coloring and markings.

Meyerbeer. Very free-growing with large truss and individual flowers. The ground color is a pale yellow, dotted and splashed with pale carmine; 3½ feet. 40 cts. each; \$4.00 per doz.

Petofi. Creamy-white flowers with faint lilac dots, produced on vigorous, but dwarf, compact plants; the best white of European origin; 3 feet. 40 cts. each; \$4.00 per doz.

Schopenhauer. Very free, but not heavy growth. The flowers are produced freely; color a bright red with yellow marked throat; 3 feet. 40 cts. each; \$4.00 per doz. One each of the above 7 Hungarian Cannas for \$2.25.

#### THE "DREER DOZEN" OF LARGE-FLOWERING CANNAS.

We recommend the varieties offered under this head as the "cream of the well-tried sorts," a selection which for freedom of bloom, habit of growth and wide range of distinct and desirable colors it would not be possible to duplicate.

General Merkel. One of the freest-flowering varieties; of a brilliant scarlet suffused with orange, the base and the edge of the petals are marbled with golden-yellow; 4 feet,

Gustav Gumpper. This is the ideal rich yellow bedding Canna; the flowers of good size are held well above the foliage, the fine trusses always clean looking; in habit of growth very uniform; color a rich golden-yellow, a shade that has

been missing heretofore.  $3\frac{1}{2}$  to 4 feet. **Hungaria.** The ideal pink bedding Canna; flowers large, in good sized trusses, produced early, freely and continuously, in color not unlike that of the Paul Neyron Rose. It possesses a softness and refinement not found in any other.  $3\frac{1}{2}$  ft.

Louis Reverchon. This was one of the best dark-leaved varieties in our trials during the past three years. The flowers are very large, of a cochineal-red color. 41 to 5 feet.

Maros. One of the best white-flowering Cannas. Its flowers of creamy-white are produced very freely;  $3\frac{1}{2}$  to 4 feet.

Meteor. A magnificent bedding variety, of strong, robust habit, with green foliage and enormous trusses of large, bright blood-red flowers freely produced well above the foliage; 5 feet. 30 cts. each; \$3.00 per doz.; \$20.00 per 100.

Mrs. Alfred F. Conard. A most remarkable variety, with exquisite salmon-pink flowers of largest size in erect and abundantly-furnished heads, freely produced; 4 feet.

Olympic. Rich oriental-red, shading lighter to the centre and dappled carmine. The individual flowers are largest size, and produced in immense heads; 5 feet. 30 cts. each; \$3.00 per doz.; \$20.00 per 100.

Splendor. A magnificent acquisition; florets of immense size in great spreading trusses; very floriferous; color a pleasing shade of salmon-scarlet; 31 feet.

Uhlberg. Entirely distinct and one of the freest-flowering varieties we have ever grown. The flowers expand very full and are of a soft rosy-carmine; the throat of the flower is of a creamy-yellow and the edges of the petals, which are slightly crimped, are also pale yellow. 3 feet.

Wabash. Beautiful large carmine-rose flowers, freely produced; the bronze foliage, combined with the pink flowers, produces an unusual and pleasing effect; 4 feet. 30 cts. each; \$3.00 per doz.; \$20.00 per 100.

William Bates. A splendid free-flowering pure yellow Canna. The habit of growth is all that can be desired. 5 feet.

Price. Any of the above, except where noted, 20 cts. each; \$2.00 per doz.; \$12.00 per 100. One each of the "Dreer Dozen" Cannas for \$2.00.

#### SELECT STANDARD VARIETIES OF LARGE FLOWERING CANNAS.

The wonderful advance made in recent years in Cannas has induced us to grow improved varieties in preference to many sorts, which, up until very recently, were great favorites. This standard collection contains the very best of the older varieties as well as many novelties which until very recently were sold at high prices.

Beacon. Very free-flowering; color a rich cardinal-red; florets of medium size; a splendid bedding variety; 32 to 4 feet.

Brilliant. Rich yellow with two bright-red curling tongue-like petals

in the centre; 4 feet.

Buttercup. Bright buttercup-yellow, a healthy, dwarf, free bloomer; one of the best pure yellows. 20 cts. each; \$2.00 per doz.; \$12.00

Claude Montel. Very free blood-red with golden margin; 3½ feet.

Consul W. Vellnagel. Large lemon-yellow, with reddish brown spots: 4 feet.

Dr. E. Ackerknecht. Carmine-lake suffused with deep carmine; very free-flowering; foliage bronze; 4 feet.

Duke of Marlboro. Very deep crimson, an attractive brilliant flower; 4 feet.

Feuermeer. A brilliant fiery scarlet of medium size; exceptionally free-flowering; very effective for massing; 4 feet.

Gladiator. One of the finest bedders, color deep yellow freely dotted with red; 4½ feet

Graf M. Tolstoi. Brilliant scarlet with bronze foliage; 4 feet. Harry Laing. Large well rounded flowers of rich glowing scarlet, suffused with orange; 5 feet. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

Hohenzollern. A vigorous growing variety, producing immense heads of clear canary-yellow flowers; 5 feet.

J. D. Eisele. Vermilion scarlet overlaid with orange, fine bedder; 31 feet. Jennie Walls Fahnline. Carmine-pink shading to primrose throat; 4½ feet. Johanna Kanzleiter. Light amber-yellow, changing to creamy-white as it matures; very free and attractive; 3½ to 4 feet.

Loveliness. Bright ruby carmine in large trusses; 3 feet. Marcel Ricard. Compact trusses of salmon-rose, bronze foliage; 3½ feet.

Mile. Gabrielle Miguel. Large attractive delicate pink flowers; 31 feet.

Mme. Crozy. The popular golden-edged scarlet; 4 feet. Nadir. Large carmine-rose with bronze foliage; 41 feet. Niemen. Large trusses of pale creamy-yellow; 31 feet.

Prince Wied. An excellent, brilliant, rich deep crimson bedder, with flowers of medium size, but produced in very large trusses; free and early; one of the best; 4 feet.

Queen Charlotte. Rich pomegranate-red bordered with a broad band of bright yellow; 3 feet.

Rosea Gigantea. Large flowers, borne in such abundance that the mass of color on each plant is truly amazing; individual petals are  $2\frac{1}{2}$  inches across; a deep, rich rose, almost a coral-carmine; 4 to 5 feet. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Rossini. Rose color with edge of petals and throat goldenyellow; 3½ feet.

Rubin. The ruby-carmine flowers of this are not large, but are produced in profusion and are intensely rich and glowing, which, combined with the dark, bronzy-green foliage, make

it one of the best bedding varieties; 3 feet.
ecretaire Chabanne. Distinct and pleasing luminous Secretaire Chabanne. salmon; 31 feet.

Souvenir de Antoine Crozy. Intense rich crimson-scarlet, with broad golden-yellow border; 32 feet.

Stuttgartia. Glowing orange-scarlet, edged and mottled yellow;  $4\frac{1}{2}$  feet. **Terisa.** Fiery-red with golden throat and border; 3 feet.

Undine. Bright orange-scarlet broadly edged with golden

yellow; very free; 3½ feet.
enus. One of the softest and most delicately colored varie-Venus. One of the softest and most delicately colored varieties. The flowers are of fair size, of a soft rosy-pink, with a

pretty mottled border of creamy-yellow; 4 feet. Wilhelm Greissinger. Pure yellow dotted with carmine;

41 feet. Price. Any of the above, except where noted, 15 cts. each; \$1.50 per doz.; \$8.00 per 100. One each of the 33 Select Standard Sorts for \$3.00.



ITALIAN OR ORCHID-FLOWERED CANNA KING HUMBERT

#### ITALIAN OR ORCHID-FLOW-ERED CANNAS.

Of the many orchid-flowered Cannas introduced those offered below are the most distinct and desirable. The habit of growth of all is remarkably vigorous, attaining a height of 6 feet, while their flowers frequently measure over 6 inches across.

Allemania. Pleasing dark salmon with golden markings.

Austria. Pure canary-yellow; fine large open flowers, with few reddish dots in the centre of the two inside petals.

Italia. Bright orange-scarlet, with broad golden-yellow border; the flowers are held well above the massive foliage.

King Humbert. In this grand Canna we have a combination of the highest type of flowers with the finest bronze foliage. Its flowers measure 6 inches in diameter, produced in gigantic trusses, a brilliant orange-scarlet with bright red markings; foliage broad and massive, of a rich copperybronze; 5 feet. (See cut.)

Mrs. Karl Kelsey. An immense orange-scarlet; wonderously striped and flaked with golden-yellow, with wavy-edged petals; entirely distinct.

Pennsylvania. Intense vermilion-scarlet, overlaid with an orange sheen; foliage rich green.

Wyoming. Bronzy-purple foliage, with immense spikes of massive orange flowers.

Price. Any of the above, 15 cts. each; \$1.25 per doz.; \$8.00 per 100.

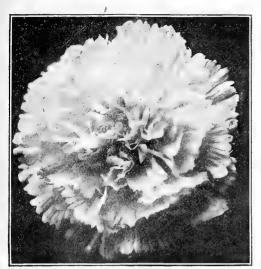
One each of the 7 sorts for \$1.00.

#### The Dreer Set of New Cannas of 1915 and 1916

These are of special merit. Described on page 126.

## ENRY A. DREER - PHILADELPHIA - PA - GARDEN ~ GREENHOUSE PLANTS





SELECT CARNATION

#### CALLAS (Richardia)

The varieties offered below succeed best when treated in the same manner as Gladiolus, Tuberoses and other summerflowering bulbs. They should be planted in the open border in a dormant condition when danger from frost is over in spring, and will then flower during the summer months. In the autumn dig and store through the winter as youwould potatoes.

Golden Yellow (Richardia Elliottiana). This is the Elliottiana). This is the best of the Yellow Callas, its flowers being as large as the popular white variety, but of a rich lustrous goldenyellow of velvety texture; the foliage is dark green, with translucent creamy-white spots, which adds much to its beauty. Strong bulbs, 25 cts. each; \$2.50 per doz.

Spotted Leaf (Richardia alba maculata). Leaves deep green, with numerous white spots. The flowers are white, with a black centre. 10 cts. each; \$1.00 per doz.

GOLDEN 'YELLOW CALLA

#### CAMELLIA JAPONICA.

General favorites with most people and the fashionable cut flower half a century ago, and which, to some extent, has been revived during the past few years. Anyone having a cool greenhouse or conservatory will find them among the most desirable plants to grow.

We offer 12 distinct varieties in the various shades of pink, rose, white and variegated in the following sizes:

EACH. .75 PER Doz. Bushy plants, 12 to 15 in. high..... \$7.50 " 15 to 18 " " ....\$1.00 " 18 to 24 " " ....\$1.50 10.00 15.00

#### CESTRUM PARQUI (Night-blooming Jessamine).

An interesting tender shrub of easy cultivation, with small greenish white flowers of delightful fragrance, which is dispensed during the night only. 15 cts. each; \$1.50 per doz.

#### CLEMATIS INDIVISA.

One of the most valuable of all greenhouse climbers. Its pure white flowers are from  $1\frac{1}{2}$  to 2 inches in diameter, and produced in panicles frequently 2 feet long. A well-established plant during the early spring months is simply a mass of bloom; the flowers can be used to good advantage in a cut state. \$1.00 each.

#### SELECT CARNATIONS.

The Carnations which we furnish in spring are thrifty young plants from pots, and should be handled as follows:

The young plants can be grown in a cool greenhouse, hotbed or coldframe where the temperature can be maintained at 50 degrees at night, with plenty of fresh air during the day. The little plants should be shifted along as required, and never allowed to get potbound.

As soon as all danger from hard frost is over, plant in the garden 12 inches each way, and keep well cultivated until they begin to bloom, when a light mulch of strawy manure will be beneficial to retain moisture in the soil, and help nourish the plants.

Plants so treated should begin to flower in July and continue to produce an abundance of flowers until killed by frost. For winter flowering the same cultural notes apply, with the exception that the flower shoots should be kept pinched back until about the middle of August, when they should be planted on benches in the greenhouse for the season's crop of flowers.

Any good fresh soil, moderately enriched, will grow them. Plant 9 to 12 inches apart, according to the size of the plants. The same night temparature that is required for the little plants before planting out will make good flowers, with 15 to 20 degrees higher and plenty of fresh air during bright days; water only sufficiently to keep plants from wilting.

Beacon. Brilliant scarlet.

Benora. Creamy-white penciled bright red.

Champion. Fine free scarlet.
Comfort. Very free-flowering scarlet.

Enchantress. Exquisite delicate pink of large size.

Enchantress Supreme. Light salmon-pink.

Gloriosa. A beautiful pink.

Matchless. Free-flowering pure white. Mrs. C. W. Ward. Beautifully formed deep pink.

Princess Dagmar. Fine large crimson. White Enchantress. Very free-

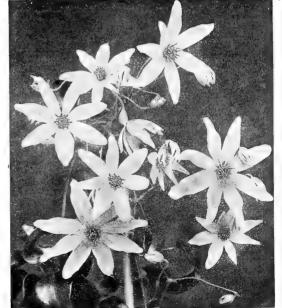
flowering large white. Yellow Prince. A good yellow.

10 cts. each; \$1.00 per doz.; \$6.00 per 100. Set of 12 for \$1.00.

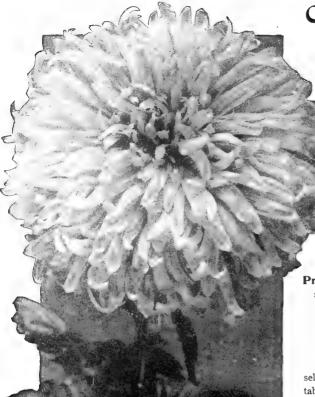
After September 1st we can only supply large field grown plants prepared for winter flowering. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

#### CISSUS.

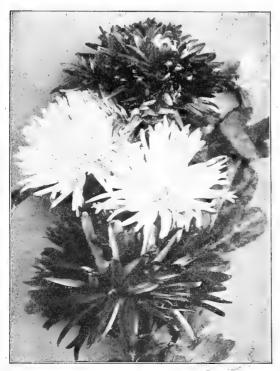
Discolor. A beautiful climber for the conservatory, with mottled and marbled crimson and green foliage. 25 cts. each; \$2.50 per doz.



CLEMATIS INDIVISA



EXHIBITION CHRYSANTHEMUM



EARLY-FLOWERING CHRYSANTHEMUMS (Offered on opposite page)

## CHRYSANTHEMUMS

#### SIX SPLENDID NEW

## **Exhibition Varieties**

## Introductions of 1015

A. S. Baldwin. An absolutely perfect yellow, a most reliable variety, giving all perfect flowers.

Bob Pulling. Pure yellow, with petals one and a half inches in width and nearly ten inches deep.

Earl Kitchener. Amaranth with silvery reverse, a novel color; splendid foliage.

Jean Stratton. Very large reflexed, beautiful shade of pearl-pink.

Mrs. R. C. Pulling. Clear yellow of tremen-

Mrs. L. J. Reuter. Purest white with twisted reflexed petals forming an artistic flower.

Price. Any of the above 50 cts. each; \$5.00 per doz.; the set of 6 for \$2.50.

#### **Twenty-five Best Standard Cut Flower and Exhibition** CHRVSANTHEMUMS.

Our list has been carefully revised. All of the varieties selected are such that have made their mark on the exhibition table. At the same time great care has been taken to confine the various varieties known to the trade as "easy doers," that is, varieties which can be grown under ordinary conditions, eliminating those which require special skill and facilities to bring to perfection.

Alice Salomon. A splendid incurving white.

C. H. Totty. An enormous glowing chestnut-scarlet; one of the best.

Chieftain. A beautiful incurving pink of perfect shape.

Chrysolora. Beautiful, early, incurving yellow.

Elberon. Large incurved Japanese pink.

Gertrude Peers. A beautiful crimson that never burns.

Harry E. Converse. Chestnut-crimson with bronze reverse.

James Fraser. Very large deep canary-yellow.

Mary Mason. Gigantic bronzy-red, an exquisite variety.

Monrovia. One of the best early yellows.

Meudon. Bright pink of immense size.

Mrs. J. C. Neil. Large, finely reflexed lemon yellow.

Mrs. Paul Moore. Magnificent light yellow.

Mrs. Ernest Wild. Early chestnut-crimson, bronze reverse.

Mrs. W. E. Tricker. An enchanting light pink.

Pattie. Very delicate shade of pink.

Pockett's Crimson. Beautiful crimson with gold reverse.

Rose Pockett. A splendid old-gold shaded bronze. The best early pink, a very popular sort.

Well's Late Pink. One of the finest pinks.
White Chieftain. Beautiful incurving white.
White Gloria. Pure white; one of the best earlies.

Wm. Kleinheinz. Very large chestnut-red. Wm. Vert. Crimson with bright gold reflex.

William Turner. A perfect ball of pure white. I5 cts, each; \$1.50 per doz.; \$8.00 per 100.

Set of 25 varieties for \$3.00.

## HARDY POMPON

CHRYSANTHEMUMS.

We offer a fine lot of the best sorts. See page 208.

#### **EARLY-FLOWERING** CHRYSANTHEMUMS.

The six varieties offered below, covering a full range of colors, have been selected from more than fifty sorts and are such that can be depended upon to furnish an abundance of good sized flowers in the open air, under ordinary garden cultivation, during October and early November, after Dahlias and other tender plants have been cut by frost. (See cut on page opposite.)

Harrie. Bronzy-orange on golden ground

Le Argentuillais. A splendid glowing chestnut-red. Normandie. Beautiful white, with just a suggestion of pink. October Gold. Very free, splendid bronze-yellow.

Perle Chatillonaise. Sulphury-white; one of the best. Provence. Bright pink with gold points and centre.

15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 6 varieties for 75 cts.

#### **CHRYSANTHEMUM** FRUTESCENS.

(Paris Daisy or Marguerite.)

Mrs. F. Sander. This variety is equally valuable for the conservatory and window garden in late winter and spring, and is an excellent bedding plant during the summer

months, succeeding in any sunny position. Its color is of the purest glistening whitethroughout; insize it frequently measures 5 inches across; the centre of the flower is a mass of closely arranged fringed florets; these are surrounded or

edged by the broad, shining white ray petals, forming a flower which reminds one forcibly of a glorified double Pyrethrum.

Etoile d'Or. The true large-flowered yellow Paris Daisy.

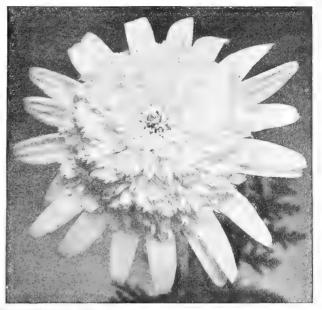
15 cts. each; \$1.50 per doz.

#### CLERODENDRON.

Balfouri. A beautiful greenhouse climber, and admirably suited for house culture, flowering most profusely with bright scarlet flowers, enveloped in a creamy-white calyx. 15 cts. each. Extra large plants, 25 cts. each.



CLIVIA



MRS. F. SANDER

#### CLIVIA MINIATA.

(Imantophyllum.)

A pretty lily-like plant of the easiest culture, and a most desirable house plant; it flowers during the spring and summer months, remaining in bloom for a long period. The flowers are about 2 inches long, and are borne in dense clusters from 10 to 20 flowers each; in color it is of a fine orange-red shading to buff. Large, strong plants, 50 cts. each.

#### COBÆA SCANDENS.

(Cups and Saucers Vine.)
A beautiful climber, of rapid growth, large purple cup-and-saucer-shaped flow-For quickly covering arbors, trellises, etc., it is unsurpassed. Ready in May. 15 cts. each; \$1.50 per doz.

#### COLEUS (Flame Nettle).

The varieties offered below are the best of the standard sorts now in use for bedding, filling vases, etc., etc.

Cecile Brown. A useful variety for porch boxes, vases, etc., it being of trailing habit; centre rosy-crimson and yellow, bordered maroon and edged crimson.

Dr. Ross. Very large crimson leaves, edged and marked with green and yellow; the finest fancy variety.

Firebrand. Brilliant reddish-brown.

Golden Bedder. Fine yellow.

COBEA

Queen Victoria. Crimson, golden edge. Rainbow. Velvety maroon, margined gold.

Verschaffelti. The popular dark crimson.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

#### COLOCASIA.

Neo Guinensis. Dark green, shiny leaves, spotted with creamy white. A good subject for the stove or warm conservatory. 50 cts. each.

#### COSMOS.

Indispensable autumn-blooming plants, producing their artistic blossoms in lavish profusion from September until hard frost. Plants ready May 1st. Mammoth Perfection, White, Pink and Crimson. Gigantic-flowering, Lady Lenox. Rich, deep pink.

50 cts. per doz.; \$4.00 per 100.



CROTON JULIETTE DELARUYE

Philipp Geduldig. A splendid compact grower, with broad, medium-sized leaves. When young, the light green ground is generously splashed with yellow. This gradually deepens to a bright cardinal-red on an olive-green base.

Pucciana. At first the leaves are bright olive-green with irregular yellow markings along midrib and veins; at maturity the ground color is bronzy dark green, veined and largely marked with bright cardinal-red.

#### CROTONS.

Nothing can excel the beauty and richness of coloring that is found in this class of plants. They are beautiful as pot plants for the conservatory, making handsome specimens for decorative and exhibition purposes, and are now used extensively as bedding plants, for which purpose they are exceptionally well adapted. They should be planted in full sun in a position where they can be liberally supplied with water, which develops the most wonderful colorings in the foliage. Our collection embraces the handsomest new and standard varieties.

#### TWELVE CROTON NOVELTIES.

Chartieri Major. Very large massive leaves of a dark bronzy-green, attractively blotched and streaked with red. Director Siebert. Oak-shaped leaves, bright green with yellow midrib and veins; a very attractive variety.

Edmontoniensis. Leaves 1 to 1½ inches wide, 12 to 15 inches long, drooping gracefully with wavy edges. Ground color dark green, splashed and mottled orange and carmine and bordered with carmine.

Juliette Delaruye. Large, deeply-lobed, oak-leaved foliage of a bright green; the midrib, veins and irregular blotches in the leaves are of clear canary-yellow; an effective, vigorous grower.

Lilie Stoffregen. Large broad leaves of a bright olivegreen with broad irregular bands of creamy-yellow along the midrib and veins.

Lord Belhaven. Immense leaves, frequently 18 inches long, ground color green, midrib rosy-salmon, surface blotched with yellow.

Mrs. Duncan Macaw. Fine large leaves of uneven form, which, while young, are green with yellow veins; as they mature the green becomes a reddish bronze, while the yellow is transformed into a bright cardinal-red.

Paul Weber. The medium sized leaves are of a deep green, splashed with rosy-salmon, the midribs and veins of an orange-carmine.

Pere Charon. Large, elliptical, slightly undulated foliage, which at first is a bright green with irregular large yellow and carmine blotches, which as they mature become a dark bronzy-green with orange-carmine midribs, veins and blotches; a variety of extraordinary merit.

W. Stoffregen. Broad, irregular shaped leaves of a deep bronzy-green, heavily marked with deep salmon-orange midribs and veins.

Price. Any of the above novelties in strong plants in 4-inch pots, 60 cts. each; the set of 12 for \$6.00.

#### STANDARD VARIETIES OF CROTONS.

Andreanum. Leaves broad-oblong, deep green with yellow and crimson vein-markings.

Baronne James de Rothschild. Large, broad, deep olive-green leaves with yellow, changing to crimson variegation.

Charmer. Leaves very large, golden-yellow, with deep olive-green blotches; midrib and veins crimson.

Craigi. Deeply lobed foliage, of a fresh rich green, freely veined and marked with rich golden-yellow.

Czar Alexander. Large broad leaves of a bronzy-green, maturing to a bright carmine-red.

Maculatum. Medium-sized leaves, prettily spotted with yellow.

Musaicum. Wavy, lanceolate leaves, green, crimson and cream color.

Musaicum. Wavy, lanceolate leaves, green, crimson and cream color. Norwood Beauty. Oak-leaved; ground color greenish-bronze, veined and splashed with orange-salmon.

Punctatum. Narrow dark green leaves, densely spotted yellow.

Queen Victoria. Long leaves, rich golden-yellow, mottled with green; midrib and veins, as well as the margin, vivid crimson.

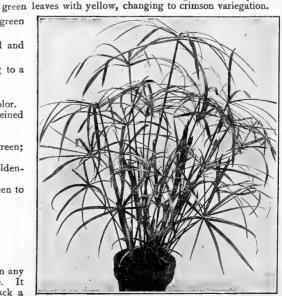
Robert Craig. A splendid combination of deep olive-green and goldenyellow, with rosy sunset suffusion.

Yuletide. Long narrow leaves, changing from light orange and green to deep cardinal orange and green; very rich.

3-inch pots, 30 cts. each; set of 12 varieties for \$3.00. 4-inch pots, 50 cts. each; set of 12 varieties for \$5.00. Large plants, \$1.00; \$1.50 and \$2.50 each.

#### CYPERUS (Umbrella Plant).

Alternifolius. An excellent plant for the house. Will thrive in any good soil, and always presents a green and attractive appearance. It may be grown as sub-aquatic, and in any case should never lack a liberal supply of water. 15 cts. and 25 cts. each; \$1.50 and \$2.50 per doz.



CYPERUS ALTERNIFOLIUS

# DREER'S SELECT DAHLIAS

While the past season in many sections of the country and particularly so in this latitude was not ideal for the development of the Dahlia, they having suffered during the entire month of September not only from a severe drouth but also from an unprecedented and unusually long and continuous spell of extreme heat which did great damage to the buds which were then forming, and which usually give not only the main crop, but also, the season's best flowers; however, favored by a late fall the display during a greater part of October made up for much of the disappointment earlier in the season.

Our list has again been carefully revised and many new and promising varieties of both foreign and home production have been added making our offerings of the various classes up-to-date in every particular.

All of the Dahlias offered in this catalogue are supplied in strong, dormant field-grown roots, excepting some of the newer or scarcer kinds, which we can only furnish in plant form and which are noted in the catalogue. These plants are usually ready to send out any time after April 25th. As the season advances our supply of roots of some of the older varieties becomes exhausted, in which case green growing plants are sent instead. These will give equally as good results as dormant roots, flowering just as freely, and many experienced planters prefer them, and by the time they are cut by frost in the autumn they will have produced strong roots, which can be carried over winter in the usual way.

Notes on the culture of Dahlias are included in our new book. "Dreer's Hints on the Growing of Bulbs," price 50 cts. or a copy will be sent free to customers who asks for it when ordering.

## New Cactus Dahlias of 1915 and 1916

We offer on this and the following 3 pages a carefully revised list of the novelties of 1915 together with the most promising of the 1916 introductions.

Abundance. Exceedingly prolific, narrow pointed petals, cerise passing to light rose at tips, flowers borne on strong stiff stems. Plants ready April 25th. 50 cts. each.

Acme. An early and free slightly incurved flower with high centre, long narrow petals, madder-crimson overlaid maroon. Plants ready April 25th. 50 cts. each.

Alicia. Large distinct looking flowers of a primrose-yellow with rose suffusion, habit erect and free. Plants ready April 25th. 50 cts. each.

Amity. Flowers of medium size, of fine curling incurved form of a bright garnet-red. Plants ready April 25th. 50 cts, each.

Andromaque. A fine flower of a soft reddishsalmon, with rosy suffusion, a distinct and delicate blending. Plants ready April 25th. 50 cts. each.

Ariel. A much admired form and color; peculiarly curled and twisted petals of a unique blending of yellow and salmon-rose. Plants ready April 25th. 50 cts. each.

Aviateur Garros. Light sulphur-yellow shading almost to white at the tips of the broad pointed petals. Flowers of medium size and borne freely on strong stiff stems. The earliest flowering cactus to date and a valuable addition. 50 cts. each,

Bergeronette. Pure white with cream centre, petals broad and slightly incurved, of good substance and very free. 50 cts. each.

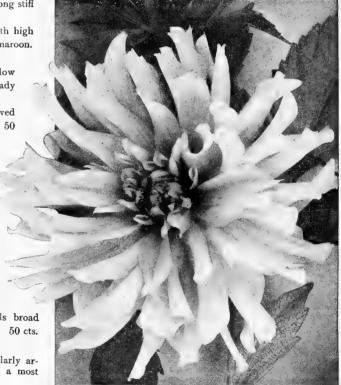
Bertha Gassman. Broad straight petals, very regularly arranged, forming a splendid medium-sized flower, of a most pleasing shade of rosy-carmine. 50 cts. each,

Bianca. An exceptionally well formed, broad petalled hybrid cactus of a pleasing soft rosy-lilac; of excellent habit, very free-flowering. Plants ready April 25th. 50 cts. each.

Bouvereuil. Broad petalled hybrid cactus, at times showing Pæony centre, but desirable in either form, in color, golden-yellow at base, passing to crimson-carmine at edges. 50 cts. each.

Breslau. A variegated novelty of real merit, plum color shaded deep carmine and tipped white. Habit dwarf and very free, one of the best of this class. Plants ready April 25th. 50 cts. each.

Collignotte. Rich, velvety purple flowers, distinct and free dwarf habit. 50 cts. each.



New Cactus Dahlia, Aviateur Garros

Conqueror. An exceptionally free-flowering crimson on stiff stems. Plants ready April 25th. 50 cts. each.

Conway. A splendid refined pure white, flowers composed of long narrow recurving petals, habit erect and very profuse. Plants ready April 25th. \$1.00 each.

Cordove. Lively shade of red on an orange colored ground, a splendid flower. Plants ready April 25th. 50 cts. each.

Critic. Large flower, freely borne on stiff stems of a lovely shade of rose-pink passing to white at the centre. Plants ready April 25th. \$1.00 each.

# NEW CACTUS DAHLIAS

Derna. Light chrome-yellow striped cardinal-red, very tree flowering and of good habit. Plants ready April \$1.00 each.

of 1915 and 1916 Continued

Dolly. A striking bicolor variety, about twothirds of the length of each petal being a crimsonscarlet with the tip end pure white. 50 cts. each.

Eloise Crozy. One of the most distinct colors, a lively, yet most delicate rose-pink. The flowers, which are of good size, are composed of long incurving tubular petals. Plants ready April 25th. 75 cts. each.

Emblem. Primrose-yellow shading to rose pink at tips, broad pointed petals, very free, flowers held well above the foliage. Plants ready April 25th. 50 cts. each.

Etoile Rose. A splendid and good garden variety, very free, medium sized flowers of a dainty shell-pink passing to white at centre. Plants ready April 25th. 50 cts. each.

Florid. An early and free-flowering bright scarlet-crimson, on erect, stiff stems. 50 cts. each.

Florrie Wells. Of very perfect shape, composed of straight, stiff petals of a peculiarly pleasing shade of rosy-crimson. cts. each,

Frances White. A pure white of distinct form, the long, narrow petals being twisted in cork-screw style; the flowers are very deep and never show an open centre. Plants ready April 25th. 50 cts. each.

Fregate. A pleasing shade of mauve rose, base of petals light sulphur-yellow; flowers incurved, of medium size and good substance. Plants ready April 25th. 50 cts. each.

Fulgent. Very large flowers of long, slightly incurved petals of a brilliant crimson; early and free. 50 cts, each. F. W. Fellows. A wonderful exhibition flower of phenomenal size, composed of long,

narrow, lively orange petals; very free and of excellent habit. Plants ready April 25th. \$1.00 each. Geo. Schofield. Medium sized flowers of exquisite form, long narrow incurving, Color a delicate blending of twisting petals.

apricot and yellow, lightening to white at the tips. This variety attracted great attention in our trials the past season. Plants ready April 25th. 75 cts. each.

NEW CACTUS DAHLIA

ELOISE CROZY

Gerhilde. A most interesting and effective flower of a beautiful blended rose-orange, shading to a deep orange at the base of the The habit of the plant is all that can petals. be desired, very free and holding its flowers well above the foliage. Plants ready April 25th. \$1.00 each.

Germiston. Lively dark crimson, flowers very large, composed of long straight petals, habit erect and free. Plants ready April 25th, 50 cts. each.

Goelette. Very free-flowering bright rose, the base of the rather straight petals are of a lively chamois; good habit. Plants ready April 25th. 50 cts. each.

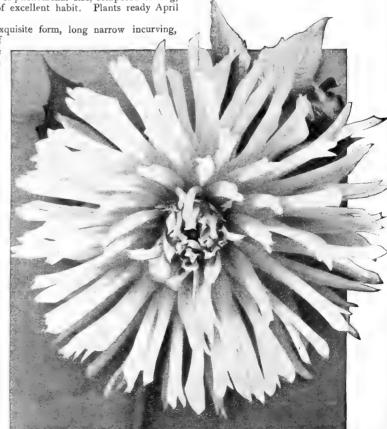
Golden Gate. A very large hybrid cactus of a rich deep golden-yellow suffused and shaded fawn, lights up well under artificial light. Long stiff stems; very free. Plants ready April 25th. 50 cts. each.

Medium sized flowers of a light Gold Quelle. sulphur-yellow, habit dwarf; very free. 50 cts. each.

Graphic. A distinct and beautifully incurved. medium sized very dark purple, each petal having a white tip. Plants ready April 25th. 50 cts. each.

Helene. A brilliant shade of geranium-red a good shaped flower. Plants ready April 25th. 50 cts. each.

Helmwige. Of true cactus form, clear lemonyellow, shading slightly deeper to the centre, an exceptionally free bloomer holding its flowers well above the foliage. Plants ready April 25th. \$1.00 each.



NEW CACTUS DARFITA F. W. FELLOWS

NEW CACTUS DAHLIAS

of 1915 and 1916 Continued

Hirondelle. Very dwarf and free, flowers of medium size with narrow incurving petals of a soft rosy-violet. focts, each.

Very large globular flowers of a soft rosy-Hoffnung. chamois with salmon suffusion, pleasing and distinct in form and color; very free. Plants ready April 25th. 50 cts. each.

Irene Satis. A pleasing blending of amber and bronze, an ideal autumn tint of colors, flowers large, petals slightly and evenly incurved, very free and highly recommended. Plants ready April 25th. \$1.00 each.

Ivy. Pleasing tone of soft pink, passing to white at the tips; size and form good and very free. Plants

ready April 25th. 50 cts, each.

Jenny Wren. One of the strong growing varieties, producing a mass of flowers of good medium size, color yellow overlaid with pink. 35 cts. each.

John Riding. An ideal exhibition variety. Plants of sturdy growth, producing enormous incurved blooms of a deep rich crimson of splendid form. Plants ready April 25th. 50 cts, each,

Jonque. This is the color of the popular Paul Neyron Rose, lightening to a rosy-tinted white at the tips and centre. Elegant large flowers with incurving twisted petals. Plants ready April 25th. 50 cts. each.

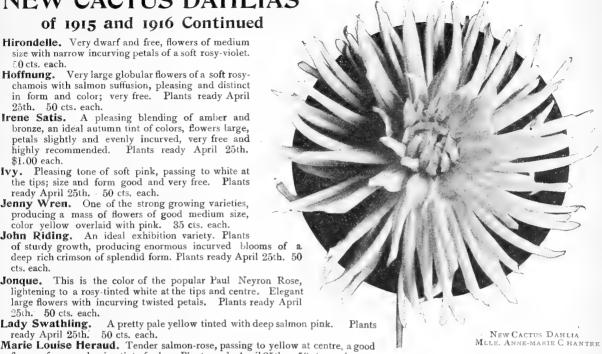
Lady Swathling. A pretty pale yellow tinted with deep salmon pink. ready April 25th. 50 cts. each.

flower of a very pleasing tint of color. Plants ready April 25th. 50 cts. each. Mentor. A splendid Dahlia of a soft rosy-carmine, lightening towards the centre with yellow, bifurcated or cleft tips. Plants

ready April 25th. 50 cts. each.

Milton Howard. Of an exquisite shade of bright pink with white tips and base, strong stiff stems; a splendid garden Plants ready April 25th. \$1.00 each.

Miss T. Cherry. A great free flowering garden variety with fair sized flowers of a splendid shade of bright carmine-rose, exceedingly free-flowering. Plantsready April 25. 50 cts. each.



Mlle. Anne-Marie Chantre. Tender rose shading deeper towards the tips with tender salmon centre, a most pleasing delicately fresh color combination; flowers large, of fine form and one of the best of its type. Plants ready April 25th. 75 cts. each.

Mr. Gillet. A brilliant and superb orange-scarlet, of splendid habit, holding its flowers well above the foliage; a fine cut flower and excellent for garden decoration.

April 25th. 50 cts. each. Plants ready

Mrs. Henry Randle. A model Dahlia with the flowers carried well above the foliage, these are of fair size and prettily incurved; color when first opening, cream, quickly changing to a soft rosy tint, and distinctly tipped creamywhite, one of the best. Plants ready April 25th. \$1.00 each.

Mrs. J. C. Vaughan. A broad petaled hybrid cactus variety of a lively lemon-yellow with flowers of large size; very free-flowering, good stiff stems, a fine cut flow-Plants ready April 25th. 50 cts. each.

Mrs. Pearson. Fawn-colored flowers shaded pink, excellent free habit. Plants ready April 25th. \$1.00 each.

Mrs. Warnaar. A wonderful exhibition variety of a creamy white with just a faint apple-blossom suffusion, flowers of gigantic size, over 8 inches in diameter and on strong stiff stems, petals long and peculiarly twisted and curled. A variety which we unhesitatingly recommend as a novelty of unusual merit. Plants ready April 25th. \$1.50 each.

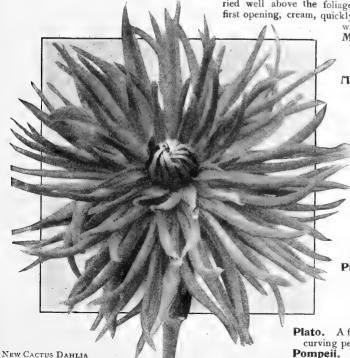
Nantwick. Of exceptionally strong habit of growth, with an abundance of flowers of a light bronzyorange, shading deeper in the centre, which are held well above the foliage, on stiff stems. Plants ready April 25th. 50 cts. each.

Penelope. A splendid salmon-rose, occasionally, showing the tips of petals white, a variety of extra merit, 50 cts. each.

Pierrot. A unique and striking novelty in color, and of unusual grace and refinement in form, being composed of long tubular narrow petals, which are of a deep amber color, usually showing white tips. A wonderful exhibition flower and a splendid garden variety. Plants ready April 25th. \$1.50 each.

A fine large rose-purple exhibition flower, with long incurving petals. Plants ready April 25th. 50 cts. each.

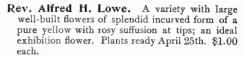
Pompeil. A magnificent variety, pompeian-red with white halo Plants ready April 25th. 50 cts. each. and tips.



JOHN RIDING



#### of 1915 and 1916 Continued



Rheingraf. A pretty, medium-sized flower of a tender mauve pink that developes its flowers in sprays, a number of them expanding on the same branch at one time. Plants ready April 25th. 50 cts. each.

Rheinkiesel. A splendidly formed, graceful flower with long narrow petals on stiff, wiry stems well above the foliage, of a lively carmine-rose color,

deepening towards the centre. 50 cts. each.

Rhein Nixe. A pure white, entirely distinct in form from other white cactus varieties, and which has shown a mass of flowers from early in the season until cut by frost. We shall be surprised if this does not prove to be the best white for garden decoration. \$1.00 each.

Rio Tints. Large, light, airy flowers borne on stiff stems, of a novel tone of color, the centre being lemon-yellow, passing to a yellow cadmium-

bronze at edges. 50 cts. each.

A miniature or pompon cactus variety, the small flowers are of almost globular form and produced very freely, in color, reminding one of the red of the robin's breast. ready April 25th. 50 cts. each.

A fancy cactus of very large size on stiff wiry stems held well above the foliage, ground color white, striped mauve and deep carmine. Plants ready April 25th. 50 cts. each.

Rosa Lepori. Good-sized flowers composed of long incurving petals of a most pleasing shade of light mauve, splendid free habit. Plants ready April 25th. 50 cts. each.

Rosennymphe. A broad petalled variety, reminding one in form of a Water Lily, in color a delicate flesh color, shading to a soft rosy white. 50 cts. each.

Robin. New Cactus Dahlia Roland Garros.

Scorpion. A novelty in form, the petals are so incurved and interlaced as to almost meet in the centre. The blooms are of medium size, almost globular, of a clear light yellow. 50 cts. each.

Serenade. A dainty pleasing flower, a soft blending of rosy carmine and mauve passing to a soft-tinted white at the centre. Plants ready April 25th. 50 cts. each.

Sirene. A hybrid-cactus variety with the base of the petals very broad but tapering to a long point, forming a star-like flower, which on account of its rosy-pink

color, shading to an almost white centre, makes it a most desirable cut flower. 50 cts. each.

WACHT AM RHEIN

Souvenir de Francheville. A large free-flowering salmon-rose with butter-yellow centre, a pleasing soft

color combination. Plants ready April 25th. 50 cts. each.

Tante Mariette. Well-formed medium-sized flowers of a bright rosy-carmine. Plants ready April 25th. 50 cts. each. Amber-white with golden suffusion, mature

petals shaded rose, most perfect in form, good substance and freely borne on wiry stems. Plants ready April 25th. 50 cts. each.

The Quaker. A much admired variety, a delicate blending of white and soft flesh-pink, an abundant, free bloomer. Plants ready April 25th. \$1.00 each.

Ulysse. An appealing combination of salmony-rose with golden-yellow suffusion. Petals broad, curling at the tips, flowers of excellent quality, admired by all who have seen it. Plants ready April 25th. \$1.00 each.

Unique. Large, deep, attractive blooms of a deep red tipped with white. Plants ready April 25th. 50 cts. each. Viaud Bruant. An entirely distinct, very large, velvety-

amaranth, very free and borne on stiff wiry stems. Plants ready April 25th. 50 cts. each.

Wacht am Rhein. In offering this variety last year we described it as the most beautiful cactus variety offered in 1915; another season's trial has proven all that we claimed for it, it is an introduction of the same grower who gave us such important sorts as Wolfgang von Goethe, Wodan, Rhein-kænig, Nerthus, Nibelungenhort, Walkuere, Mondscheibe, etc., and it is a creditable companion to these superior sorts.

formed flower, of large size, on splendid stems for cutting, and of an ideal soft rosypink color with white suffusion. 75 cts. each. Warrior. Soft salmon at the edges, shading to deep mauve-rose at the centre with a golden

suffusion. 35 cts. each. Special Offer. We will supply one each of the 81 New Cactus Dahlias of 1915 and 1916 offered on pages 133 to 136 for \$40.00.



New Cactus Dahlia TILVSSR.

## Dreer's Colossal and Giant Cactus Dahlias

The eight varieties offered under this heading, some of them comparatively recent introductions, have been gaining greater popularity each season and are now included in every up-to-date collection. They attract attention at all exhibitions as well as in the fields,

where their large size but refined form and their vigorous free-flowering habit and pleasing colors stamps each one a leader in its respective class. We are prompted in this assertion not only as the result of our own observations, but also from the many endorsements and good reports which we have received from enthusiastic admirers all over the country.

### ETENDARD DE LVON.

Even the person who classes all shades of purple as so-called malignant magentas stops to admire this beautiful carmine rose giant, which we consider one of the finest varieties for garden decoration. The flowers are of a hybrid cactus type, distinct in shape from all others; the petals are broad, curled and wavy and form a flower fully 6 inches in diameter and 4 inches deep, a very large flower, yet without any stiffness or formality; its color is a rich carmine-rose or Royal purple with a brilliant suffusion difficult to describe.

is exceptionally free-flowering. One of our suburban Philadelphia patrons who set out a growing plant about June 15th reported fourteen open and expanding flowers on his plant on October 15th, with still more buds in sight. Plants ready after April 25th, \$1.00

### KALIF.

A truly majestic flower, frequently measuring over 9 inches in diameter, of perfect Cactus form, in color a pure scarlet. The habit of the plant is all that can be desired, growing with us, about 41 feet high; the gigantic flowers, which are produced very freely are held erect on strong stiff stems, making it a most effective and useful variety for cutting as well as for garden dec-

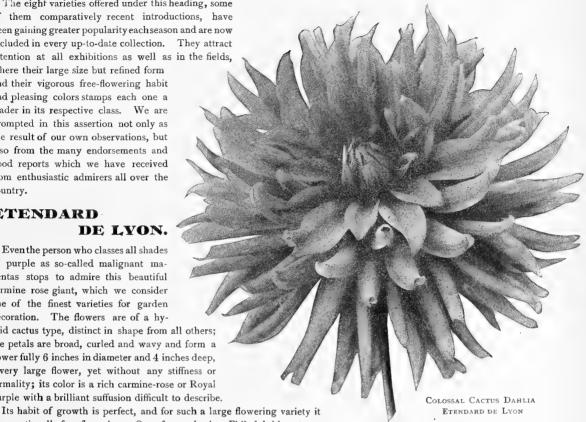
We have received many complimentary letters on Kalif. One of our patrons in California, a lady, writes us that she had flowers of it nearly a foot in diameter. Plants ready after April 25th. 75 cts. each.

### NERTHUS.

The centre of the large flowers of this fine variety are a rich, glowing, bronzy, orange-yellow, passing to a carmine-rose at the tips, the whole suffused with a glowing golden color, which gives them an iridescence which it is not possible to describe. Roots, 35 cts. each; \$3.50 per doz.

### NIBELUNGENHORT.

This is another distinct introduction which is always greatly admired, with flowers from 7 to 8 inches across, composed of rather broad, more or less curled and twisted-petals of a beautiful shade of old-rose with golden-apricot suffusion. Very freeflowering on long stems; a fine cut flower. Roots, 75 cts. each.



### RHEINKOENIG.

There are so many good white Cactus Dahlias that we could not single out any one individual variety as the best; all have distinctive qualifications of their own which make them valuable; however in recommending Rheinkoenig to the amateur who has room for but one white variety we do so knowing that he will not be dissapointed in planting it either for garden decoration or for cutting. Its flowers which are over five inches in diameter are of splendid form, and are borne on long stiff stems held well above the foliage, and are of great substance, lasting well when cut. Roots, 35 cts. each; \$3.50 per doz.

### WALKUERE.

Everybody who has flowered Walkuere has been pleased with its large handsome flowers, which are refined in form and general make-up. In color it is one of those peculiar yet pleasing combinations of colors difficult to describe; the ground color is a sulphur yellow, which as the flower matures, deepens to a luminous golden-yellow at the centre, the entire flower being suffused with cinnabar-red, distinct and novel. Plants ready April 25th. 75 cts. each.

### WODAN.

Bold, large, but not coarse flower, frequently 7 inches in diameter; a graceful arrangement of semi-incurved tubular petals of a pleasing, delicate salmon-rose color, shading to old-gold in the centre. Roots, 35 cts. each; \$3.50 per doz.

### WOLFGANG von GOETHE.

A very large flower, of loose but regular and graceful arrangement that makes it an ideal cut-flower, its color a rich apricot with carmine suffusion and shadings, is bright, yet subdued and soft, showing up particularly well under artificial light. 35 cts. each; \$3.50 per doz.

Collection of one each of the Eight Colossal Giants offered on this page \$4.00. Delivery to be made after April 25th,

## **Choice Cactus Dahlias**

The varieties offered on this and the following three pages represent the gems of the well-tried sorts introduced prior to 1915, and which have made a reputation for themselves.

Aegir. Rich, warm cardinal-red; peculiarly twisted petals. 25 cts. each.

Alpenrose. A fine flower with twisted petals of a bright aniline-red, intensified by a goldenvellow suffusion. 25 cts. each.

Ami Philippe Goy. Petals incurved; ground color deep salmon-red, suffused with pure scarlet, deepening to blood-red on tips. 25 cts, each.

Andromeda. An extremely free-flowering variety of a bright terra-cotta red, with golden suffusion. 25 cts. each.

Augenweide. A beautiful satiny carminerose, deepening to the centre. 25 cts. each. Aurora. Described and offered on page 142. Australian. A brilliant rich purple, with bright crimson suffusion. 25 cts. each.

Bessie Palliser. Roman ochre suffused with salmon, with a golden sheen at the base of the long petals, which are twisted and curled. cts. each.

Intense fiery-red; gracefully formed Bismarck. flower, on stiff stems held well above the foliage. 25 cts. each.

Blaustrumpf (Blue Stocking). A distinct deep purple with bluish suffusion. 25 cts. each.

Brisbane. Very large flowers of fine form, of a bright orangescarlet. Plants ready April 25th. 50 cts. each.

Candeur. See page 142. Caradoc. Bright pure yellow; a large flower. 25 cts. each. Comte de Lambert. A grand flower of a rich carmine-red. reverse of petals amaranth-red. 25 cts. each.

Countess of Lonsdale. See page 142.

AMI PHILIPPE GOY Crystal. A splendid exhibition of flowers of large size and fine form; long twisted and incurved tubular petals of a tender silvery-pink, shading to ivory-white in the centre. Plants ready April 25th. \$1.00 each.

Daydream. Honey-yellow, with bright yellow centre and salmon-rose shadings; delicate and pretty. 25 cts. each.

A perfectly formed and most delicately colored variety; a splendid cut flower with good stems; color tender Hydrangea-pink, with lighter shadings. 25 cts. each.

Dibs. A bright shade of rose-pink, each petal tipped oldgold, varying greatly in color with changing weather conditions. 25 cts. each.

Dora. A fine large flower of a luminous reddishsalmon, deepening to the centre; long petals. 35

Duchess of Marlboro. This beautiful variety for freedom of bloom is in the same class as Countess of Lonsdale; a beautiful tint of solferino, backed by a sunshine-like golden suffusion at the base of the

petals. A Dahlia which will please every amateur as well as the grower of exhibition flowers. 50 cts. each.

CACTUS DAHLIA

Echo. Bright tyrian-rose, passing to silvery-rose at base of petals. 25 cts. each.

Else. See page 142.

Empress. A great exhibition flower of beautiful form and large size, with long, tubular incurved petals of a most pleasing tint of tyrian-rose, 35 cts. each.

Erecta (Stredwick's). A splendid large flower of perfect form, of a glowing, brilliant rose-pink. 50 cts. each.

Esther. A good free-flowering solferino-red. Plants ready April 25th. 50 cts. each.

Etoile de France. A dainty little flower, about 3 inches in diameter, of a soft rosy-lilac with lighter tips; good stems for cutting; very

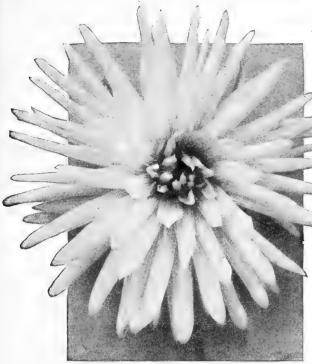
Excelsior. A beautiful variety, with long and row petals of a deep maroon. 50 cts. each.

Very large flowers, the centre a beautiful glowing golden shade, which gradually passes to a deep salmon-rose; an effective color combination. 35 cts. each.









CACTUS DAHLIA, DELICATISSIMA

Hildegarde Deegen. A rich, brilliant garnet of beautiful form. 25 cts. each.

Hildegard Kusell. Medium-sized flowers of an effective salmon-old-rose color, 35 cts. each.

J. B. Fry. A fine large flower, the centre a pale yellow, passing at the points of the petals to a light salmon. 35 cts. each.

Jeanne Hardy. A dainty, almost globular flower; color a rich French purple with vinous-red suffusion, the reverse of the tubular petals is a silvery-rose showing only at the open points in such a manner as to give the flower a bicolor or tipped appearance. 35 cts. each.

Karl Kotte. One of the most beautiful of the autumn tints, a rich

reddish-salmon. 25 cts. each.

Kriemhilde. A most popular cut flower variety; color a brilliant pink, gradually shading to white at the centre. each.

Lady Hutton. A dainty flower, with long, narrow petals of a soft amber yellow, lightly suffused with rose on the outer petals. 25 cts. each.

Lady Kilmaine. Salmon-pink shading deeper towards the tips of the long incurved petals. 25 cts. each.

Lawine. See page 142. Libellule. See page 142.

Liegnitz. One of the broad petaled Hybrid Cactus of large size of a distinct deep shade of cerise: 35 cts. each.

Lord Minto. 'Very symmetrical flowers, with long, quilled petals, which are cleft at the tips; color centre pale yellow, passing to a soft rosy-salmon at the ends of the petals, cts. each.

Louis Chauvet. A distinct fancy with rather broad petals. the outer ones being white, edged with crimson-carmine; towards the centre the petals are of a luminous carmine, bordered or edged with rich garnet. 35 cts. each.

Lovely. Delicate violet rose, with creamy white shading. 25 cts. each. Magnet. Distinct in color, a coppery old rose, with mauve suffusion towards the tips; a fine flower, composed of broad petals, tubular towards the tips and more or less curled or twisted. 35 cts. each.

Manon. Flowers of beautiful form on long stems; splendid for cutting, of a pleasing canary-yellow. 25 cts. each.

Marathon. See page 142.

Marguerite Bouchon. See page 142.

Master Carle. See page 142.

## Choice Cactus Dahlias

(Continued)

Ferd. Cayeux. The finest dark Cactus yet introduced. Flowers of good size, with long, thread-like petals; color mahogany with red and black shading. Plants ready April 25th. 50 cts. each.

Fernand Olivet. See page 142.

Firebrand. Bright fiery-scarlet, an immense flower with very long petals. 35 cts. each.

Flora. An ideal white Cactus Dahlia, A large flower, produced on stout, stiff stems; valuable for cutting. cts. each.

Floradora. A remarkably free-flowering, bright bloodred. 25 cts. each.

Galathea. See page 142. General French. See page 142.

General J. B. Seth. A rich, brilliant scarlet, with orange scarlet shadings, of perfect form. 50 cts. each. Genoveva. One of the freest flowering primrose-yellows; fine for cutting. 50 cts. each.

Glory of Wilts. See page 142.

Glueckskind. One of the very free-flowering varieties. delicate soft pink with salmon suffusion; fine for cutting. cts. each.

Golden Eagle. Splendidly incurved large flower of a pleasing golden-buff. 25 cts. each.

Golden Plover. A splendid exhibition flower of most precise incurved form, of a soft tint of lemon-yellow, reverse of petals tinted rose. 35 cts. each.

Goldland. See page 142.

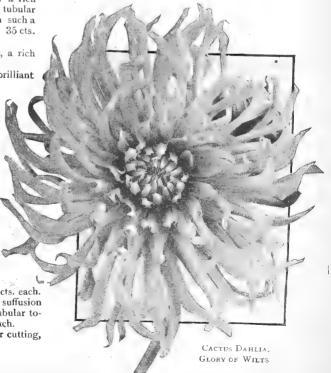
Goliath. Ground color yellow, suffused and tinted with reddish-salmon, 25 cts, each,

Graefin von Schimmelmann. See page 142.

H. L. Brousson. Extremely narrow petals of great length and slightly incurved form; white in the centre, passing to a rich rose and again white at the tips. 35 cts. each.

H. W. Sillem. A brilliant, rich, cardinal-red, with deeper shadings; flowers of perfect form. 25 cts. each.

H. Wearing. See page 142. High Sheriff. A flower of fine form, a bronzy-rose color, passing to a golden-bronze towards the centre. 25 cts. each.



## Choice Cactus Dahlias

Masterpiece. Light salmon-pink, gradually passing to sulphur yellow at the centre, flower very large. ready April 25th. 50 cts. each.

Mauve Queen. See page 142.

fliss Willmott. Very free-flowering; reddish apricot, shading to golden yellow at the centre; valuable for cutting. 25 cts, each.

fille. Celine Henry=Couannier. Very regularly formed flowers, of a rich, luminous crimson-carmine. Plants ready April 25th. 50 cts. each, Mme. Adolphe Bechet. Large flower of a ten-

25 cts. each. der rose color, suffused tyrian-rose. Mme. Bertha Gemen. A splendid flower of a rosy current-red, suffused with naples-yellow. 25 cts. each.

Mme. Camile Pabst. A pretty deep amberyellow, suffused salmon-rose. 25 cts. each.

Mme. Desmaris. A beautifully formed flower with twisted and curled flat petals of a bright maddercarmine with golden suffusion. Plants ready April 25th. 50 cts. each.

Mme. Eschenauer. One of the earliest and freestflowering Cactus varieties, of a creamy-white delicately suf-fused with mauve-pink, Plants ready April 25th. \$1.00 fused with mauve-pink. each.

Mme. Marie Doucet. See page 142.
Mme. Marie Micheli. A dainty flower of tender rose, shading to white at centre. 35 cts. each. A brilliant fiery-red, shading deeper to the base of the petals.

A fine variety; color lemon-yellow at centre, gradually shad-

ing to a soft rosy-pink at tips. Plants ready April 25th. 50 cts. each. Mrs. Clinton. Ground color deep amber, gradually shading to a rosy-scarlet. 25

cts. each. Mrs. C. G. Wyatt. See page 142.

Mrs. Fleming. A most graceful pure white, composed of very long, tubular petals. A beautiful exhibition variety. Plants ready April 25th. 50 cts. each.

Mons. Gemen. CACTUS DAHLIA 25 cts. each. MAUVE QUEEN Mrs. Alfred Dver.

Mrs. H. J. Jones. See page 142.

Mrs. Henry R. Wirth. See page 142.
Mrs. Pauline MacKenzie. A beau A beautiful autumn-tinted variety; buff with apricot shadings. 25 cts. each.

Mrs. T. J. Woodall. Pure primrose, passing to carminepink at the points of the petals. The charming combination of colors forms a flower of great beauty. 25 cts.

Pink Pearl. Mallow pink at base of petals, gradually shading to white at tip. 25 cts. each.

Prima Donna. Flowers large, with long, twisted petals, centre ones creamy-white, outer delicate mauve-pink. 25 cts. each.

Reform. Rich French purple with deeper shadings, holding its flowers very erect on stiff stems. 25 cts. each.

Rekord. A desirable, rich oriental-red. 25 cts. each.

Rene Cayeux. See page 142.

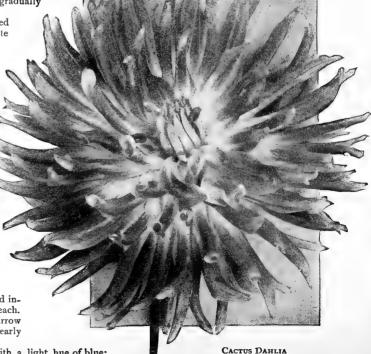
Rev. Arthur T. Bridge. The colorings in this variety are extremely handsome, being a bright, clear yellow, heavily tipped and suffused with deep rose-pink. 25 cts. each.

Rheinischer Frohsinn. A most distinct and refined variety. The flowers are large, of splendid form; the long incurving petals are white at the base, but at about one-half their length they become suffused with and change to a luminous carmine-rose, the two colors combining harmoniously in forming a most attractive flower. Plants ready April 25th. 75 cts. each.

Rivalin. Narrow, long incurved petals, of a delicate tender rose; very free and fine for cutting. 25 cts. each.

Roland von Berlin. A magnificent, brilliant and intense geranium-red, with deeper shadings. 25 cts. each. Rosa Siegerin. A beautiful flower with long, narrow petals of a tender mauve-pink, shading to nearly

white in the centre. 25 cts. each. Ruth Forbes. A lovely shade of lilac-rose, with a light hue of blue; very free-flowering and of excellent habit. 25 cts. each.



RHEINISCHER FROHSINN

Choice Cactus Dahlias

(Continued)

Salmon Queen. A splendid large flower with long tubular petals, deep old rose with a luminous salmon suffusion. 50 cts. each.

Schneekonigin. A most valuable white of absolute purity, flowers of ideal form, composed of long, accurately arranged petals; a fine cut flower. Plants ready April 25th. 50 cts. each.

Sequoia. A beautiful variety, with long, tubular petals cleft at the tips, of a deep saffron-yellow suffused with red; a splendid autumn tint. 25 cts. each.

Sherlock. See page 142.

Soleil Couchant. The most brilliant orangescarlet, shading to reddish-salmon at the tips; petals broad. 50 cts. each.

Stability. A splendid exhibition flower, with long, slightly incurved tubular petals, of a beautiful shade of aniline-red. Free-flowering. Plants ready April 25th. 50 cts. each.

Standard Bearer. Rich, fiery-scarlet, free and of perfect form. 25 cts. each.

Stormer. Large flowers, composed of long, thread-like incurved petals of a rich deep cardinal red, 35 cts. each.

Strahlen Krone. Intense cardinal-red; rich and glowing. 25 cts each.

Success. A beautiful incurved pure yellow, with long twisted petals. 25 cts. each.

Sweetbrier. A superb variety of an exquisite shade of pink, very free, on good stiff stems. 50 cts. each.

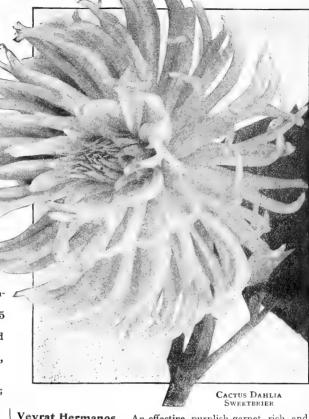
very free and effective. 50 cts, each.

Thos. Obelin. A brilliant fiery-red, of perfect incurved form, produced in the greatest profusion on long stiff stems.

Troian. Pale yellow, outer petals lightly suffused with salmon. and sometimes tipped white, flowers very large and full. cts. each.

DAHLIA

Thais. See page 142.
The Lion. Bronzy old-rose suffused with yellow and salmon;



Veyrat Hermanos. An effective purplish-garnet, rich and glowing with broad petals. 35 cts. each.

Vivid. See page 142.

Walter Deegen. An intense rich and brilliant fiery-red suffused with orange. 25 cts. each.

W. J. Matheson. Long, narrow flat petals forming a gracefully arranged flower of a fiery-red, slightly suffused reddishviolet, 25 cts. each.

Wunderkind. Luminous canary-yellow, shading to white, suffused with flesh at the edges. 25 cts. each.

Yellow Hammer. This is a great Dahlia, the flowers are very large, of perfect form, composed of long, tubular, semi-incurved petals of a bright primroseyellow. 50 cts. each.

## Fancy Cactus Dahlias

A distinct and showy class, in most of which the flowers are beautifully striped and variegated.

Electric. A large sulphur-yellow with white tips, sometimes sports to a self-color either white or yellow. 30 cts. each.

Jupiter. Ground color at base of petals yellow, passing to salmon-rose at the tips, the whole splashed and striped with crimson. 35 cts. each.

Louis Duc. A good-sized primrose-yellow, striped and penciled currant-red. 35 cts. each.

Mercury. Ground color yellow, thickly striped and spotted with crimson. Large flower. 30 cts. each.

Mrs. J. Emberson. A distinct fancy, with large incurved flowers of a pale-lemon, splashed and speckled with rosy-pink. 30 cts. each. Collection of one each of the above 5 Fancy Cactus Dahlias for \$1.50.

### "THE DREER COLLECTION" OF

## CACTUS DAHLIAS OF SPECIAL MERIT

This is a selection of twenty-five varieties made with a view of supplying the amateur with an assortment of Cactus sorts, which in our own experience we have found to be the freest-flowering under the most varied conditions of soil and climate, and which can be depended upon to make an early and continuous display in the garden, and at the same time furnish an abundance of choice flowers for cutting. The varieties are all introductions previous to 1914, and have been under observation ample time to establish their superior qualities.

Aurora. A beautiful, reddish-apricot, suffused with flesh-pink, shading lighter to the tips. (See cut.)

Candeur. A wonderful pure white, which in the fully developed flower more closely resembles an incurved Chrysanthemum than any other sort; a valuable cut flower.

Countess of Lonsdale. A peculiar but pleasing blending of salmon-pink and amber, a color difficult to describe. This is the Dahlia for the million. Blooms freely under all conditions

Eise. A charming variety, with a combination of delicate colors. The base of the petals is

of buttercup-yellow, gradually passing to amber; finished with a tip of tyrian rose.

Fernand Olivet. markably free - flowering on stiff, wiry stems; brilliant maroon with scarlet

shadings, the centre almost black.

Galathea. A medium-sized flower of splendid form, especially appreciated on account of its delicate color, which is an even. tender soft pink.

General French.

Flower of good size and form of a most pleasing shade of reddish-orange; a favorite cut flower.

Glory of Wilts.

A magnificent bright golden-yellow, of large size, splendid quality and very free.

Goldland. A splen-

did primrose yellow, of perfect form and very free-flowering. Graefin von Schimmelmann. Salmon-rose, shading to a yellow centre; long, narrow, incurved petals, very free and of exceptional merit.

CACTUS DAHLIA AURORA

H. Wearing. Pure salmon, passing to bright amber at the base of the petals, which are long, narrow and straight, forming a model flower.

Lawine. White, with just a suggestion of blush as the flower matures; a fine, full, large flower; one of the best.

Libellule. Of splendid form, sulphur-yellow shaded with - capucine-red; exceptionally free-flowering.

Marathon. A brilliant, rich purple, illuminated with higher. brighter shadings; entirely distinct in color and form.

Marguerite Bouchon. We have no hesitancy in saying that this is the most beautiful Cactus Dahlia yet introduced. It is absolutely perfect in form, color a charming shade of brilliant yet soft rose with a very large white centre and distinctly defined white tips 50 cts. each.

Master Carle. Very large, bright saffron-yellow; splendid. Mauve Queen. A dainty variety, formed of long tubular, incurved petals of a pleasing shade of clear mauve, shading lighter

towards the centre.

with fine stems.

Mme. Marie Doucet. One of the freest-flowering, a lovely mauvepink, passing to a white centre; of good size,

> Mrs. C. G. Wv= att. This variety in our fields has produced most wonderful exhibition flowers; it is one of the finest white varieties, with long numerous petals, forming a

flower of great depth and of highest quality.

Mrs. H. J. Jones. Very large, perfect, rich, bright scarlet, with cream-colored edge; occasionally comes self-colored.

Mrs. Henry R. Wirth. This is a splendid companion to Countess of

Lonsdale, it being the first Cactus variety to come into bloom, and the perfect, fiery-scarlet flowers are produced continuously until the end of the season. A customer in Missouri writes under date of Nov. 2, 1915, "have cut from the one plant of Mrs. Henry R. Wirth, bought from you last Spring, two hundred and ninty-five perfect flowers."

Rene Cayeux. Brilliant geranium-red; early and free; a great favorite.

Sherlock. Orange-scarlet with apricot suffusion, one of the pleasing autumn tints; flowers very large on good stems for cutting; free, early and continuous bloomer.

The rather broad petals make up an informally-shaped flower; in color a pure white with a soft mauve suffusion which is deposited over the snowy petals like a dew, one of the most delicately colored sorts.

A dwarf variety with splendid incurved flowers composed of long incurved petals of the most intense fiery-red color, very free, good stems and fine for cutting.

Price. Any of the above, except where noted, 25 cts. each; \$2.50 per doz.; \$18.00 per 100. One each of the 25 varieties for \$5.00.



EXTRA CHOICE NEW Decorative Dahlias

We offer on this and the next page a particularly fine collection of the most recent additions to this splendid free-flowering and useful type of Dahlia. Unless noted to the contrary all varieties are supplied in strong field-grown roots.

Ayesha. A soft pure yellow, very large perfectly formed flowers on long stiff stems, early and free. The best yellow of this type. Plants ready April 25th. \$1.00 each.

Bel Inconstant. Golden yellow, striped and suffused scarlet, sometimes showing white tips; very free. 50 cts. each.

Breeze Lawn. This is unquestionably the ideal red decorative Dahlia, and though it originated some five years ago, it bas only been introduced in a very limited manner. Its flowers,

while very large, frequently over eight inches in diameter, are not at all coarse, but have a refinement along with its rich color, an intense fiery-red that is lacking in many other popular varieties. One of the earliest and most continuous bloomers. Plants ready April 25th. \$1.50 each.

Colosse de Lyon. Large, well-formed flower of old rose with lively golden-salmon suffusion; shading to crimson-pink at the tips; a most pleasing color combination of soft yet fresh tones; a Dahlia that will certainly become popular. (See cut.) Plants ready April 25th. \$1.00 each.

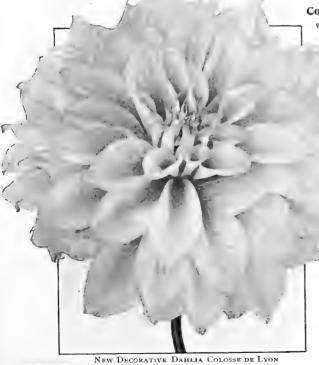
> Faust. A large exhibition flower of a deep moroccored shading to a light rosy-carmine at base of petals; a meritorious free-flowering variety. Plants ready April 25th. 75 cts. each.

> > Guillaume de St. Victor. A good sized, beautiful mauve-rose, of fine finished form. Plants ready April 25th. 50 cts. each.

NEW DECORATIVE DAHLIA

Hortulanus Fiet. A colossal flowered variety with blooms over eight inches in diameter, of the most delicate shade of shrimp pink, the tip of each petal barely touched with gold. The entire flower has a suffusion of delicate tints of red and yellow, which gives a glow yet softness of color difficult to describe. Illustrated in connection with two other Decorative Dahlias on plate page 147. 75 cts. each.

Hortulanus Witte. A very large, long stemmed, freeflowering pure white, a splendid cut flower and exhibition variety. 35 cts. each.





Continued

Imperator. A variety that came to us from Continental Europe, where it has attracted much attention and favorable comment on account of its superior decorative qualities. The flowers, which are from 6 to 7 inches in diameter, and quite distinct in form, are held in a vertical position on stout stems with no inclination of any weak neck, making it a most valuable cut flower. In color it is a soft ivory-white with the outer edge of the petals suffused with soft rose-mauve. 50 cts. each.

Minnie Burgle, One of our California friends, an enthusiast on Dahlias, called our attention to this variety two years since, and we have been greatly pleased with our trials of same, it being one of the freest flowering decorative varieties in our fields; thirty large, perfect, open

flowers on one plant at a time being not unusual; in color it is a rich luminous dark scarlet, on long stiff stems, splendid both for cutting and garden decora-Plants ready April 25th. 50 cts. each.

Newport. Early in the season a soft delicate rose, as the season advances it becomes a luminous light rosy-pink, the first flowers of true decorative form, while later it partakes more of the Pæony shape; early and remarkably free-flowering, and entirely distinct. Plants ready April 25th. 50 cts. each.



Oregon Beauty. A brilliant gorgeous flower that attracts much attention on account of its rich color, an intense Oriental-red with golden sheen and garnet suffusion. Produces

its large flowers on long stems in the greatest profusion. A splendid garden variety. 35 cts. each.

NEW DECORATIVE DAHLIA MINNIE BURGLE

Perle Mauve. A gem of a pure mauve color, entirely distinct and much admired, flowers large and very free. 50 cts. each.

Prinzessin Irene von Preussen. Very large but graceful pure white, on stout stems held well above the foliage; an effective garden variety. Plants ready April 25th. cts. each.

### SPECIAL OFFER

We will supply one each of the 14 New Decorative Dahlias offered on page 143 and above, a fine collection, for \$8.00.

### THREE GORGEOUS **DECORATIVE DAHLIAS**

We illustrate on page 147 the following three gorgeous Decorative Dahlias which are unsurpassed for garden decoration and equally valuable for cutting.

Flamingo. As a cut flower this ranks with Delice; the flowers are held erect on stiff stems of a rich and glowing rose-pink, while it frequently shows an open centre; this does not detract from its beauty. 50 cts. each.

Hortulanus Fiet. A colossal flowered variety with blooms over eight inches in diameter, of the most delicate shade of shrimp pink, the tip of each petal barely touched with gold. The entire flower has a suffusion of delicate tints of red and yellow, which gives a glow yet softness of color difficult to describe. 75 cts. each.

Manzanola. Brilliant oriental-red with deeper shadings, a fine shaped flower with good stem, very free and ideal for cutting. cts. each.

One each of the above for \$1.25.



Select Decorative Dahlias

The Decorative Dahlias are an intermediate form between the Show and Cactus types. Many beautiful varieties have been introduced, some with flat petals, others reflexed, incurved or curiously twisted, but nearly all are without formality or stiffness, and practically all of them are leaders as cut flowers, bearing their large, perfectly formed blooms on long, stiff stems,

and standing in good condition longer than most kinds, furthermore, they are of easy culture, and seem to adapt themselves to and succeed under the most varied conditions; a combination which assures their continued popularity.

Athalia. Rich ox-blood red with maroon shadings, a fine flower of giant size, very free. Plants ready April 25th. 50 cts. each.

Auguste Nonin. A very large flower of fiery-red, borne on long, stiff stems; valuable for cutting or garden decoration. 25 cts. each.

Autumn Glow. A large, full flower of fine form, primroseyellow with bronze shadings; a fine cut flower. 25 cts. each.

Beloit. Particularly effective on account of its very large flowers, borne on long stems; these are full double, of splendid form, of a rich purplish-garnet, shading deeper towards the centre. 35 cts. each.

Brentwood Yellow. A new, compact growing variety, remarkably free-flowering, deep primrose-yellow of perfect form. Plants ready April 25th. 75 cts. each. Calypso. Large flowers, the petals of which are peculiarly curled and twisted, of

a rich, dark, purplish-crimson, a very attractive flower; sometimes shows a centre like the Pæony-flowered varieties, but desirable in either form; very free-flowering. Plants ready April 25th, 50 cts. each.

Chantecler. Ground color cadmium-yellow, striped, splashed and spotted with deep carmine-red; a very pretty fancy variety.

Clifford W. Bruton. A fine, bright yellow. 20 cts. each. Columbine. A new and novel sort, ground color pale lilacrose, shaded striped and speckled with light carmine. Plants ready April 25th. 50 cts. each.

Crown of Gold. A brilliant glowing Chinese-orange with golden suffusion, rich and pleasing. 25 cts. each.

Delice. The most popular pink variety. Its beautiful soft, yet lively color, a glowing rose-pink, together with its perfect shape, stout, stiff stems, and the fact that when cut it retains its freshness for a long time, makes this one of the most valuable for cutting or decorative sorts in the garden. 25 cts.

Easton. Not an extra large flower, but a variety of brilliant color, good form and remarkable free-flowering habit, in color it is a brilliant Turkish or Oriental red. 25 cts. each.

Eventide. A splendid flower of perfect form and large size, on long, stiff stems, which for all purposes may be termed a white Dahlia, there being but the faintest flush of delicate rose on the edge of the flower, which seems to intensify its pureness. 25 cts. each.

Flamingo. As a cut flower this ranks with Delice; the flowers held erect on stiff stems are of a rich and glowing rose-pink, while it frequently shows an open centre; this does not detract from its beauty. Illustrated on the plate page 147. 50 cts. each.

F. L. Bassett. Carmine-purple, shading deeper at the centre. 20 cts. each.



Freibeuter. Of all the high colored decorative garden varieties this is not only one of the earliest, but also one of the most continuous free bloomers; in color a brilliant cardinalred, a rich glow of color from early to late. 35 cts. each.

Gaiety. A good variegated or fancy variety; in color a bright strawberry-red, each petal having a broad band of white through the centre. 25 cts. each.

Gloire Lyonnaise. A bright golden-yellow flamed with rosy carmine at the points; very effective. 25 cts. each.

Golden West. One of the best large primrose-yellows, very full double flowers with petals cleft at the tips; very freeflowering. 35 cts. each.

Greuze. A large flower of graceful form, of a soft creamy white color. Plants ready April 25th. 50 cts, each.

Henry Patrick. A popular white cut flower. 20 cts. each.

Jack Rose. Brilliant crimson-red, similar in shade to the popular "Jack" Rose, which suggested its name; perfect for garden decoration or for cutting. 20 cts. each.

Jeanne Charmet. A splendid cut flower variety of a pleasing shade of violet-rose on a lighter ground. 35 cts.

Jean Wood. Probably a seeding of Mme. Van den Daele and similar in color, a delicate silvery-rose, but a much shaplier flower than its parent, being of true decorative form. 25 cts. each.

J. J. Johnson. Dull velvety maroon shading to almost black at the centre. One of the first to flower in our fields. 35 cts. each.

Joseph Rocher. One of the earliest to flower, of very perfect form on long, stiff, wiry stems and of a rich, deep garnet color. Plants ready April 25th. 75 cts. each.

Kaiserin Augusta Victoria. The first of the decorative sorts to come into flower, of medium size, good form and pure white color. Plants ready April 25th. 35 cts. each.

Select Decorative Dahlias Continued

> Le Grand Manitou. The best variegated Dahlia of the decorative type. The ground color white, prettily spotted, striped and blotched with deep reddishviolet; occasionally self-colored; these are borne on

stout, stiff stems, held well above the foliage. 50 cts. each.

Lyndhurst. Brilliant cardinal-red. A fine cut flower, 20 cts. each.

Maman Rozain. Flowers very large size, but graceful, of a pearly-white suffused with rose, reverse of petals velvety-purple edged with white; a most distinct and novel variety. 50 cts. each.

Manzanola. Brilliant oriental-red with deeper shadings, a fine shaped flower with good stem, very free and ideal for cutting. Illustrated on plate opposite. 25 cts. each.

Meadow Gold. A fine large flower supported on long stiff stems, color primroseyellow faintly tinged with pink on the outer petals. Plants ready April 25th, 25 cts. each.

Meteor. An attractive, showy, fancy variety; the ground color a brilliant cardinal-red, edged and marked with primrose-yellow. The flowers are not large, but are of perfect form and very freely produced on long, stiff Plants ready April 25th. 50 cts. each.

Miss Minnie McCullough. One of the most popular cut-flower varieties now grown; particularly valuable for use under artificial light. Color soft yellow, overlaid with bronze; a beautiful autumnal tint. 20 cts, each.

DECORATIVE DAHLIA

Mme. A. Lumiere. A very distinct and attractive variety; ground color white, suffused towards the ends of the petals with red, the tips pointed with bright violet red. 25 cts.

Mme. Mary Collet. Flowers of a beautiful coppery-yellow with golden suffusion. One of the much admired tints, 50 cts, each,

Mme. Van den Daele. A charming soft rose with deeper markings, shading to white in the centre; a beautiful sort for 25 cts. each.

ont Blanc. An early, free, continuous flowering creamy-white on good stiff stems. One of the most important cut-Mont Blanc. flower varieties. 25 cts. each.

Mrs. C. W. Bassett. A pleasing, delicate mauve-pink, exceptionally free-flowering on good stiff stems, fine for cutting. 35 cts. each.

Mrs. Chas. L. Seybold. Ground color crimson-carmine, each petal tipped and more or less marked with white; produced very freely. 35 cts, each.

Mrs. Furbush. The best dark variety, a rich-purplish-garnet with maroon shadings; flowers of good size and form, on stiff, wiry stems; an early, free and continuous bloomer. 35

Mrs. J. Gardner Cassatt. A large-flowered variety of elegant shape, mauve-pink of a shade that is very pleasing in a Dahlia; a fine cut flower. 25 cts. each.

Mrs. Roosevelt. Of immense size and remarkably freeflowering; color a delicate silvery-rose, which is very attractive when cut. 25 cts. each.

Orange King. Rich, glowing orange-scarlet. 20 cts. each. Ouray. Rich, deep velvety maroon of good form, very freeflowering. 25 cts. each.

Papa Charmet. A large flower of rich, deep morocco-red with bright garnet shadings. 25 cts. each.

Perle de Lyon. A most valuable white Decorative Dahlia. and one of the best whites of any class for cut-flower purposes; its flowers are of good size, and held erect on long, stiff, wiry stems. 25 cts. each.

Prince Danilo. Refined flowers of medium size; ground color a creamy-salmon deeply suffused with carmine rose. 35 cts.

Princess Juliana. While we cannot agree with the European growers that this new sort is in white as important as Delice is among the pink varieties, we must admit it is one of the very promising cut-flower sorts, and on account of its early and free-flowering habit and neatly formed flowers will be appreciated by the amateur. 25 cts. each.

Priscilla. Good shaped flowers of a pleasing violet-rose color on good stiff stems; an attractive garden variety. 50 cts. each.

Souvenir de Gustave Doazon. Of mammoth proportions, which, under ordinary cultivation, will produce flowers 6 inches across, and can be grown to measure full 9 inches. It is of free growth, remarkably profuse-flowering and pure red 25 cts. each. in color.

Sylvia. Soft, pleasing mauve-pink, gradually changing to white in the centre. A fine cut flower. 20 cts. each.

Tenor Alvarez. A large flower of reddish-violet striped and blotched purplish-brown. Very free. 50 cts. each.

Wm. Agnew. Rich, dazzling carmine red. A standard cutflower variety. 20 cts. each.

Yellow Colosse, Flowers of very large size, of perfect form, pure primrose yellow. 25 cts. each.

Zeppelin. Entirely distinct, a pleasing soft shade of violetmauve with silvery suffusion; flowers of medium size, of good form and very free-flowering. 50 cts. each.

One each of the 55 Select Decorative Dahlias Special Offer. Offered on pages 145 and 146 for \$15.00

Manjanolo

Hortmanus

Flamingo

DREER'S

THREE GORGEOUS

DECORATIVE DAHLIAS

FOR GARDEN DECORATION

ONE OF EACH FOR \$1.25



The following represent the best of the new introductions in this beautiful class, which are yearly becoming more popular, both as cut flowers and for garden decoration. We also offer on opposite page a splendid list of the standard varieties of this type.

> Avalanche. A splendid pure white, large but of graceful form, probably the best white of this type yet introduced. 75 cts. each.

> Beaute de Soir. A rich combination of rosy-scarlet, carmine-lake, and currant-red with more or less golden suffusion, giving the whole a pleasing, fantastic, variegated appearance, and particularly so under artificial light; very free-flowering. Plants ready April 25th. 75 cts. each.

> Duchess of Brunswick. Flowers 8 to 9 inches across, of a brilliant red, reverse of petals apricot; a distinct and beautiful variety. Plants ready April 25th. \$1,00 each.

Berch van Heemstede. Primrose-yellow with rich golden sheen, flowers of medium size; very free. Plants ready April 25th. 50 cts. each.

A splendid soft carmine-rose shaded crimson, good Chatenay. Plants ready April 25th. 50 cts. each. stiff stems. Directeur Stoll. A fresh shade of canary-yellow, large, perfect

flowers; very profuse. Plants ready April 25th. 50 cts. each. Durban. Ground color lemon-yellow heavily suffused with rosy-Plants ready April 25th. 50 cts. each.

Dusky Queen. Deep velvety maroon, edged white, bright yellow centre; excellent habit. Plants ready April 25th. 50

lectra. Grows very erect and holds its flowers, which are very freely produced, well above the foliage; in color a most Electra. pleasing lavender tinted mauve. Plants ready April 25th. 50 cts. each.



Fort Hill. Early in the season it should be classed as a decorative, but as the season advances it shows the Pæony centre; it is a desirable sort in either form. The flower is ver white with a delicate suffusion of lavender-mauve. The flower is very large, ready April 25th. 35 cts. each.

Garibaldi. A splendid variety with large brilliant crimson-

scarlet flowers. Plants ready April 25th. \$1.00 each. Harrismith. Deep bright pink, shading lighter towards the tips, and a trace of gold in the centre. Plants ready April 25th. 50 cts. each.

Hilda. A charming pink with maroon shadings, large bold flowers. Plants ready April 25th. 50 cts. each.

John Green. Yellow, quickly passing to fiery scarlet, one of the finest. Plants ready April 25th. \$1.00 each. Kimberly. Rosy carmine with yellow centre; a neatly ar-

ranged flower of good size. Plants ready April 25th. 50 cts. each

Leo XIII. A deep canary-yellow, entirely distinct in form, large, very free-flowering and a valuable sort for cutting. Plants ready April 25th. 50 cts. each.

Lord Milner. Yellow with pearl borderings; strong free habit. Plants ready April 25th. 50 cts. each. Lorna Doone. A splendid large white on strong stiff stems. Plants ready April 25th. 50 cts. each.

Mme. Coissard. Crimson passing to a white centre, flowers very large and attractive. Plants ready April 25th. \$1.00 each.

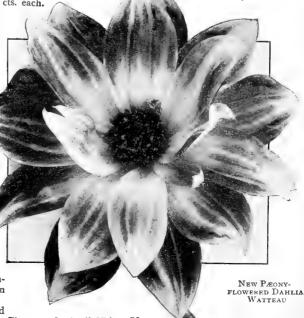
Mondscheibe. Another splendid yellow, entirely distinct from Leo XIII, being still greater in size and of a deeper color, remarkably free-flowering. Visitors to our fields noted both varieties. 75 cts. each.

Painted Lady. A charming soft rose on stiff stems. 50 cts. each.

The Mahdi. Giant flowers of a peculiar blending of goldenyellow and carmine; very free. Has been much admired in our fields. 50 cts. each.

A striking, brilliant, combination of crimson and gold, giving a rich glow of color throughout the season. Plants ready April 25th. cts. each.

One each of the above 23 new Pæony-flowered Dahlias for \$10.00.



# HENRY A DREER · PHILADELPHIA · PA · GARDEN ~ GREENHOUSE PLANTS

PÆONY=FLOWERED **DAHLIAS** 

This beautiful type is now very popular. The artistic flowers are very large, and are best compared to the semi-double Pæonies in general form. They all flower

very freely, and are borne on long, strong stems, making excellent material for cutting, as well as for garden decoration. The varieties offered on this page are the best of the standard sorts; for the latest introductions see opposite page.

America. A beautiful Dahlia; pure shrimppink with golden suffusion; habit ideal; very

free-flowering. 35 cts. each.

Andrew Carnegie. A fine, lively rose-pink. Bertha von Suttner. Exceptionally large flowers of salmon pink with yellow suffusion. 35 cts. each.

Caecilia. Very large; early in the season, a lemon yellow, but as the season advances, a creamy white with yellow sheen in centre. Plants ready April 25th. 50 cts. each.

Cæsar. A splendid canary-yellow. 35cts. each. Canary Bird. A fascinating sulphur-yellow. Flowers well placed and of great substance. Plants ready April 25th. 50 cts. each.

Chevrefeville. Base of petals yellow, gradually passing to apricot and rose, with citron-yellow points. Cleopatra. Rich oriental red, base of petals primrose

Colonel Cody. Deep apricot buff with salmon-pink shadings.
Comte de la Vaule. A large flowered, free and showy garden variety of a rich carmine, 35 cts. each.

Czar Ferdinand. Attractiveflowersof a luminous reddish-purple; first-class in every way. 50 cts. each. 35 cts. each.

Dr. Peary. One of the darkest, a brilliant reddish-mahogany.

Duke Henry. Brilliant carmine-red. 35 cts. each.

Feldberg. A splendid large white. Fritzimann. A brilliant geranium-red, and frequently producing flowers which are variegated white.

Geisha. The showiest and most attractive of this type yet introduced; the rich colored flowers are original in form, consisting of peculiarily twisted and curled petals, of an effective and rich combination of scarlet and gold. 50 cts. each.

PRONY-FLOWERED Dahlia,

> Germania. Brilliant strawberry-red; a very artistic flower. Hampton Court. One of the best yet introduced; a bold flower of good form, of a bright mauve-pink.

HAMPTON COURT

Hortulanus Budde. Very free-flowering, rich rosy-scarlet. 35 cts. each.

John Wanamaker. Very free-flowering with broad, peculiarly curled and twisted petals of a pleasing shade of violetmauve. Plants ready April 25th. 50 cts. each.

King Leopold. Primrose, shading lighter at edges.

Ladysmith. Very large violet-rose colored flowers, distinct and pleasing, Plants ready April 25th. 50 cts. each.

London. Large, bright crimson. 35 cts. each.

Magnet. Rose, suffused with white. 35 cts, each. Mannheim. Salmon-pink, illuminated with a golden sheen.

Marie Studholme. Medium sized flowers of a clear mauve, very freely produced. 50 cts. each.

Mme. Curtelin. Large, fluffy flower of rich oriental-red.

Mrs. G. Gordon. A large lemon-yellow; one of the best.

Mrs. Violet Beamish. A gracefully arranged flower of a beautiful shade of heliotrope with silvery reflex. 50 cts. each.

Porcupine. White ground, flushed soft rose. 35 cts. each.

**Princess Royal.** Yellow overlaid with a rosy sheen. 35 cts. each,

Propaganda. A splendid flower, primrose yellow with rosy-salmon suffusion.

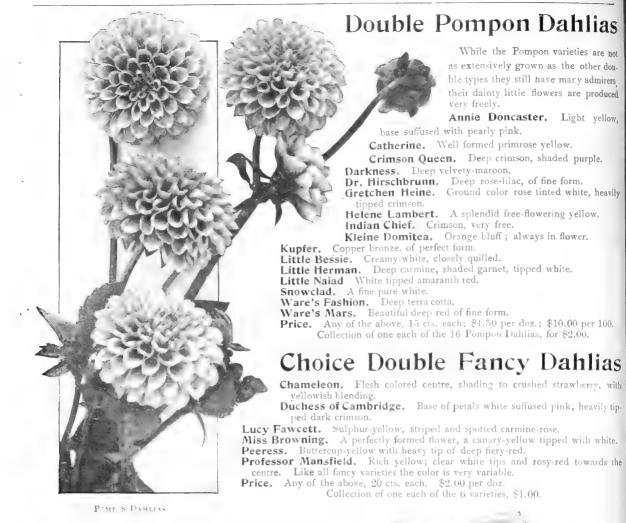
Riesen Edelweiss. Pure glistening white. frequently 6 inches across. Plants ready April 25th,

Virgillea. Medium sized good flower of rich geranium red.

Price. Any of the above, except where noted, 25 cts. each; \$2.50 perdoz. Collection of one each of the 34 varieties offered above for \$10.00.



EONY-FLOWPRED DAHLIA



**Duplex Century Dahlias** 

These differ from the single Century type in having two or more rows of petals, still retaining the general appearance and characteristics of the original type; they are splendid varieties, both for cutting and for garden decorations; all very free-flowering.

Bessie Clark. Perfect in habit of growth and freedom of bloom; early in the season it is almost self-colored, a pretty mauvepink, this as the season advances deepens towards the edges and lightens at the centre which becomes surrounded by a golden suffused halo. Plants ready April 25th, 50 cts. each.

Centaure. Brilliant orange-red, shaded crimson, of very large size.

Merry Widow. Exceptionally bright,

deep scarlet flowers of a very large size; effective for massing.

Poinsettia. The name of this variety was suggested both by the form of its petals and the brilliancy of its color to the well known rich scarlet Christmas flower. Plants ready April 25th. 50 cts. each.

Prairie Fire. A rich poppy-red, very free. Nothing equals this for a mass of brilliant color.

Price. Any of the above, except where noted, 25 cts. each; \$2.50 per doz.

Set of 5 sorts for \$1.25.



## Dreer's Choice Double SHOW DAHLIAS

This is the old-fashioned densely double type which will always have many admirers; they are very free, early and continuous bloomers and are splendid for cutting.

A. D. Livoni. A splendid clear pink, beautifully quilled, of perfect form and very-free-flowering.

Arabella. Light sulphur-yellow, shaded peach-blossom on edges; a fine flower.

Caleb Powers. Best described as an improvement in size, coloring, and even in earliness, to the popular variety, Susan, offered in this list, a delicate shell-pink of splendid form. 50 cts. each.

Chas. Lanier. Large, rich deep yellow. Cuban Giant. Immense ball-shaped blooms of bright maroon; free and early. Dorothy Peacock. Large, perfect shaped flowers of a bright seashell pink color; very early, free and continuous blooming. 25 cts. each. Dreer's White. Introduced by us in 1909. In color a pure glistening white, resembling in form the popular Grand Duke Alexis, while in freedom of flowering it is not surpassed by any. It has succeeded in

all parts of the country, has been much admired at the exhibitions where shown, and has in most cases been awarded the premier prize as the finest white show variety. 50 cts. each. Dreer's Yellow. It is with pleasure that we introduce this as "The Best Yellow Show Dahlia yet sent out." It is a good grower, an early and profuse bloomer. In general form and make up, the flowers resemble Dreer's White, which suggested its name, but they are larger, frequently over seven inches in diameter, yet without any coarseness, it hav-

ing a refined appearance at all stages of development. flowers when fully matured are perfect balls in shape, and are held rigid and erect on long stiff stems, making it an ideal cut flower, and equally as valuable for garden decoration. \$1.00 each.

Emily. Solferino, with white markings; very large and free-flowering.

Grand Duke Alexis. Large massive flowers, ivory-white, with a faint tinge of rose at the extremities of the petals. 25 cts. each.

Isis. Of immense size, large petals, full double, orange scarlet suffused with carmine, with golden sheen at the tips, Plants ready April 25th. 35 cts. each.

Le Colosse. Of immense size and very free-flowering watermelon-red in color. Plants ready April 25th. 50 cts. each.

Miss Minnie Vosburg. One of the freest-flowering white show varieties yet introduced, coming into bloom early and continuing of good quality till the end of the

season. 25 cts. each

Mrs. Jefford. A fine, large, bright primrose-yellow of perfect form. 35 cts. each.

Princess Victoria. A sterling variety, of medium size; the earliest and freest-flowering primrose-yellow; in bloom early and late; long, stiff stems; fine for cutting. Red Hussar. Pure cardinal-red.

Susan. A beautiful. delicate, soft-shell pink, of splendid form, remarkably early and free-flowering, with long stems; splendid for cutting. 30 cts. each.

Thesee. A showy large flower of a brilliant crimson-carmine, long, stiff stems and very free. Plants ready April 25th. 75 cts. each.

Triomphe de Solferino. Bright solferino-red, dwarf, freeflowering.

W. W. Rawson. An exceptionally fine shaped, massive, large, double flower, which is produced on long stems; color pure white, delicately overlaid with mauve. 50 cts. each.

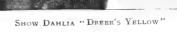
White Swan. Good free-flowering white.

Yellow Duke. A splendid primrose-yellow, of good form.

Yellow Livoni. Undoubtedly the most perfectly quilled Dahlia grown; flowers of medium size, but very perfect, of a soft lemonyellow. 25 cts. each.

Price. Any of the above, except where noted, 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Collection of one each of the above 23 varieties for \$6.00.







NEW CENTURY SINGLEDAHLIAS These magnificent single varieties are all of

free-branching habit, flowering early, profusely and continuously throughout the season; flowers 41 to 6 inches across on stems 3 feet long, and when cut keep in good condition for many

Anna Long. A beautiful pink with silvery white suffusion, one of the best.

Eckford Century. A counterpart in single of the double fancy variety Lottie Eckford, a pure white which is spotted and pencilled with crimson. The largest of the Century varieties. 50 cts. each.

Fringed Century. Intense rosy crimson with lighter markings, fringed or cleft petals.

Golden Century. A splendid large primroseyellow. 35 cts. each.

Hazel Heiter. Bright crimson-carmine with deeper shadings, base of petal canary-yellow.

Jack. Brilliant fiery scarlet, the base of the petals overlaid with golden-yellow; the freest flowering Dahlia grown.

Mrs. J. C. Hance. One of the prettiest, very large, well-rounded flowers; early in the season it is white slightly flushed and tipped with soft rose-pink, later in the season the entire flower is a tender rose-pink.

Rose=Pink Century. Flowers 6 inches and over in diameter, of a clear rose-pink color; a strong grower with long stiff stems, fine for cutting.

Scarlet Century. Brilliant scarlet, golden disc.

Spanish Century. Primrose-yellow, striped, pencilled and spotted with deep carmine-red. 35 cts. each.

Twentieth Century. Early in the season an intense rosycrimson, shading gradually to almost white on the edges and a light halo around the disc. As the season advances the flowers become lighter, changing to almost pure white, suffused with soft pink.

White Century. Pure white with large, heavy, overlapping petals of good texture. 35 cts. each.

Wildfire Century. Brilliant cochineal-red with orangesarlet suffusion, habit dwarf and free.

Price. Any of the above, except where noted, 25 cts. each; \$2.50 per dozen. Set of one each of the 13 varieties for \$3.25.

## Choice Old-fashioned Single Dahlias

Blackbird. Black velvety-maroon with a bright red spot at the base of each petal.

Gaillardia. Golden-yellow with a broad red band around the golden disc, resembling Gaillardia Grandiflora. 25 cts. each.

Polly Eccles. Pure apricot with yellow shadings with a halo of poppy-red around the yellow disc.

Snowflake. Very free-flowering, pure white. 25 cts. each St. George. A pretty primrose-yellow.

Wildfire. Brilliant poppy-scarlet of large size.

Price. Except where noted, 15 cts. each; \$1.50 per doz. Set of 6 sorts for 75 cts.



Type of Single Dahlia

# HENRY A: DREER : PHILADELPHIA : PA : GARDEN ... GREENHOUSE PLANTS 153

## COLLERETTE **DAHLIAS**

Anyone only familiar with the first introductions of this type can form no idea of the beautiful artistic blending of soft and rich colors which is found in most of the newer sorts. All have single flowers with an additional row of short

petals around the disc, this forming a frill or collar, which is usually of a different color from the rest of the flower.

### **COLLERETTE NOVELTIES**

The following are a selection of the best English, French and German novelties:

Ami Nonin. Dark crimson-carmine, collar white, very large.

Burgomaster Seifert. Velvety brown-red with yellow collar.

Carl Bechstedt. Brilliant oriental-red and yellow collar.

Dainty. Soft rose, deepening to carmine centre, lemonyellow collar.

Diamant. Glowing carmine-violet, collar light rose. Erbprinzessin Charlotte. Large, oriental-red with yellow collar.

Fairy Queen. Light clear yellow with white collar. Frau Dora Fischer. Semi-double variety, carminerose, white collar.

General de Sonis. Large, madder-red with garnet collar. Hallos. Splendid pale lemon with white collar.

Harmony. Primrose-yellow marked soft purple, collar yellow. Holyrood. Crimson with yellow tips, creamy-yellow collar. Hon. Vicary (iibbs. Crimson-scarlet, collar cream color. Kimmerling. Dark luminous carmine, yellow twisted collar.

Lotus. White, flushed vermilion, lemon-yellow collar. Lucifer. White, tipped and edged crimson, white collar. Prudence. Pale yellow, suffused carmine, yellow collar. Rosette. Giant size, velvety cerise suffused white, white collar.

Valentine. Rich deep yellow, collar sulphur yellow. Volcano. Fiery-crimson, edged and tipped, carmine collar.

All the above new varieties ready in plants April 25th at 50 cts. each; the set of 20 varieties for \$7.50.



GROUP OF COLLERETTE DAHLIAS

### CHOICE COLLERETTE DAHLIAS

The list below comprises the very best varieties introduced prior to 1915.

Baliforal. Deep aniline-red shaded purple, with long narrow | Capella. Luminous reddish maroon intensified by the pure white collar petals. 35 cts. each.



COLLERETTE DAHLIA MAURICE RIVOIRE

white collar. 35 cts. each.

Cocarde Espagnole. A novel variety, both the petals and collar are a brilliant combination of red and gold. 35 cts. each.

Comte Cheremeteff. Vermilion-red shaded to orange at tips; creamy-white collar.

Diadem. Very large, brilliant carmine-rose, collar white with light carmine markings.

Diomede. White, suffused brilliant purple-red, collar white. Director Rene Gerard. Creamy-white suffused and marked with French purple, creamy-white collar.

Exposition de Lyon. Bright garnet, yellow collar. Goldstern. A pretty self-colored deep canary-yellow.

Grand Papa Charmet. Brilliant velvety French purple, white collar. 35 cts. each.

Maurice Rivoire. Ox-blood red and white fringed collar. Mme. Capron. Brilliant reddish-purple, collar striped white. Mme. E. Poirier. Deep purple suffused with lighter shades, which gives it a violet-blue effect; collar white. The nearest approach to a blue.

Mme. Gygax. Bright cochineal-red, primrose-yellow collar.
Mons. L. Ferard. Rich purplish-garnet, marked white, collar white with carmine markings.

Queen Bess. Cochineal-red, pale yellow collar. Signorina Rosa Esengrini. Bright lemon yellow marked with orange-scarlet, collar bright lemon-yellow.

Souvenir de Chabanne. Lemon-yellow with coral red markings, collar lemon-yellow tipped white.

Price—Any of the above choice varieties, except where noted, 25 cts. each; \$2.50 per doz.

A collection of one each of the 18 sorts for \$4.00.

### DIEFFENBACHIAS.

Handsome decorative plants, with bold ornamental foliage; useful for the warm Leonei. An effectively marked new variety with large leaves, apple-green ground-

color, irregularly bordered and blotched with dark drab-green. Magnifica. Shining sombre green foliage, variegated with white

blotches and spots.

Rich deep bottle-green, freely marked with whitish Splendens. striated blotches.

Price, 50 cts. each. Sets of three sorts, \$1.25.

## Dreer's Decorative Dracaenas

This plant is better adapted to the greenhouse, or conservators in which the temperature and moisture can be controlled, than it is to the window garden, where the air is almost always dry and the temperature fluctuating. Such varieties, however, as Fragrans, Massangeana, and Indivisa can be grown quite satisfactorily in the living room.

The Dracæna should be given a light, fibrous soil, with just enough loam in it to give it a body. Drainage should be good. The watering should be liberal and showering frequent. The variegated sorts require plenty of light to bring out the richness of their coloring.



Amabilis. Foliage bright glossy green, marked and suffused with pink and creamy white. 50 cts. and \$1.00 each.

Baptisti. Broad, recurved foliage, deep green, with metallic suffusion, striped and marked with creamy yellow and pink. 50 cts. and \$1.00 each.

eremensis Warnecki. Habit of growth and form of foliage similar to D. Knerki but prettily variegated with white stripes. \$1.00 each. Deremensis Warnecki. Douceti. A beautiful variegated form of Indivisa, foliage dark green,

broadly edged with creamy white. Fine plants in 6-inch pots, \$2.50 each. Fragrans. An excellent house plant, with broad dark green foliage; grows under the most adverse conditions. 25 cts., 50 cts., and \$1.00 each.

Imperialis. Robust growing, dark-green foliage, with bright Godseffiana. Entirely different from all other Dracenas; of free branching habit, forming compact, graceful specimens. Its foliage is of strong, leathery texture; rich, dark green color, densely marked with irregular spots of creamy-white, 3-inch pots, 25 cts. each.



pink shadings and edgings in the young growth. 50 cts. and \$1.00 each.

Indivisa. This variety is used very extensively as a centre plant for vases, porch and window boxes, etc. It stands full exposure to the sun, and its long, narrow, graceful foliage contrasts beautifully with other plants. 25 cts., 50 cts. and \$1.00 each. Large specimens \$2.00 each.

Knerki. Dark glossy green leaves, makes a bold specimen, and is a good house plant. 50 cts. to \$2.50 each.

Massangeana. A beautiful variegated form of Fragrans with broad, green foliage, with a broad, golden-yellow band through the centre of each leaf. 50 cts. to \$3.00 each.

Rothiana. Recurved glaucous green foliage. 50 cts. to \$1.00 each.

Sanderiana. A graceful variety, with glaucous green foliage, edged with a broad border of creamy-white. 25 cts. each.

Shepherdi. Foliage green, becoming striped with a peculiar bronzy orange hue; makes a fine specimen. 50 cts. and \$1.00 each.

Terminalis. Rich crimson foliage; marked with pink and white. 30 cts., 50 cts. and \$1.00 each.

Youngi. A strong, growing, showy sort. Foliage bright green when young, changing to a pleasing metallic bronze. 50 cts. and \$1.00 each.

Eight Fancy Dracæna Novelties.

These originated among a large number of seedlings raised in one of the nurseries in the West Indies and which were submitted to us for trial, from these we have selected the eight varieties here offered which are distinct and pretty and which we are confident will prove welcome additions to the sorts now generally grown.

Firelight. Narrow foliage coloring to a warm red,

Garnet. Leaves of medium size, a combination of deep red, bronze and green. Harmony. Green and creamy-white foliage of medium size with pink edge. Juno. Large broad foliage forming a very substantial plant, colors green and yellow with pink edge.

Mrs. Rufus W. Scott. Habit of plant compact, deep green with pink and white markings.

Neatness. Deep green with narrow carmine edge. Opal. Medium narrow leaves, bronze, rose and green.

Striking. Bronzy green foliage with red streaks and edges.

Price. Any of the above varieties in good young plants, in 3-inch pots, 50 cts. each: the set of 8 varieties for \$3.00.



DIFFFFNBACHIA

### ECHEVERIA.

Secunda glauca. The blue-green-leaved variety so much used in carpet bedding. 15 cts. each; \$1.25 per doz.; \$8.00 per 100.

### EUCHARIS.

Amazonica. A splendid hothouse plant. It sends up stalks bearing several pure white star-shaped flowers, 4 inches across, delightfully fragrant, and highly prized as a cut flower. 30 cts. each; \$3.00 per doz.

### EUGENIA.

Microphylla. A pretty little plant with small, dark green foliage. excellent for Fern dishes or window garden. 50 cts. each.

#### EURVA.

Latifolia Variegata. An evergreen Shrub with rich, dark green foliage, which is beautifully variegated with creamy white; an excellent plant for house decoration. 50 cts. each.

### FARFUGIUM.

Grande (Leopard Plant). This is an extremely ornamental plant. Its large, circular leaves, thickly spotted with creamy-white and yellow, make it wonderfully effective for room decoration. It likes a soil of loam and mucky matter, half and half, with a good deal of water. Ample provision, however, should be made for drainage. Once a month apply a fertilizer, as it is a gross feeder when allowed to have its way. Keep it in the shade. 25 cts. each;

\$2.50 per doz. Argenteum. A rare variety, with glaucous green foliage, which, instead of being spotted, is edged with creamy-

white; very pretty. 50 cts. each.



FUCHSIA



FICUS PANDURATA

## FICUS (Rubber Plant).

FARFUGIUM GRANDE

Elastica. The well known Rubber Plant. 4-inch-pot, 10 inches high, 50 cts. each; 5inch pot, 15 inches high, 75 cts. each; 6-

inch pot, 24 inches high, \$1.00 each. **Lutescens** (*Mistletoe Fig*). Interesting on account of its bearing at each leaf axil a small fig, which, at first green, changes to a pale yellow; the dark green foliage is small, the whole plant reminding one of a branch of mistletoe. 25 cts. each.

Pandurata (The Majestic Rubber Plant). A truly majestic plant. Its gigantic leaves, which frequently measure 10 inches in width by 15 inches in length, are irregular in outline, and of a rich, deep green, of remarkable substance, enabling the plant to flourish under the most unfavorable conditions. One of the finest foliage plants. Specimen plants, 2½ feet high, \$3.00 each; 4 feet high, \$5.00 each.

Parcelli. Large, deep-green leaves, marbled with white; a pretty plant for the warm conservatory. 50 cts. each.
epens. A trailing or creeping variety, with

Repens. small foliage; useful for baskets, covering greenhouse walls, etc. 25 cts. each.

- Minima. A variety of the above with

much smaller leaves. 25 cts. each.

Utilis. Entirely distinct and unlike the popular Rubber Plant, yet possessing the same hardiness. The leaves are thick and leathery, from 9 to 10 inches long, one-half as wide, of a rich holly green, with midrib and principal veins of an ivory-white. Strong plants, 75 cts. each.

### FITTONIA ARGYRONEURA,

Trailing plants, with handsome variegated foliage. Vivid green, with network of pure white veins, most useful in the conservatory for planting on surface of pots or tubs containing specimen plants. 25 cts. each.

### FUCHSIAS.

Well-known favorites for planting out in partially shaded positions during the summer or for early spring-flowering in the window or greenhouse. The following is a selection of six of the finest varieties. Those marked with a "\*" are double-flowering.

Black Prince. Bright, waxy, carmine sepals and pink corolla.

\*Elm City. Crimson tube and sepals, dark blue corolla.

\*J. Christian. Crimson tube and sepals, double white corolla.

Minnesota. Tube and sepals light pink corolla violet-purple.

\*Rose Phenomenal. Crimson tube and sepals, double rose colored corolla.

Speciosa. Long pale red tube and sepals, dark red corolla.

Price, 10 cts. each; \$1.00 per doz. Set of 6 sorts, 50 cts.



THE GLORY FERN (Adiantum Farleyense Gloriosum)



CYRTOMIUM ROCHFORDIANUM (Crested Holly Fern)

## NEW AND RARE FERNS

### Adiantum Farleyense Gloriosum.

(Ruhm von Mordrecht, or Glory Fern.)

An easy-growing form of that most beautiful of all Maiden-Hairs, Adiantum Farleyense, which, on account of its special requirements in atmospheric and temperature conditions, has been limited in its cultivation to specialists. This variety, which is identical in every particular, has a stronger constitution, and may be successfully grown under the same conditions as any ordinary form of the Maiden-Hairs, a decided and great advantage, which will assure for it widespread popularity. (See cut.) Good plants in 3-inch pots, 25 cts. each; \$2.50 per doz. 4-inch pots, 50 cts. each; \$5.00 per doz. 6-inch pots, \$1.50

### Asplenium Nidus Avis. (The Birds' Nest Fern.)

An interesting species, with large, dark green foliage. 4-inch pots, 50 cts. each.

### CYRTOMIUM ROCHFORDIANUM (Crested Holly Fern.)

Next to the Boston Ferns, the Holly Fern is the most satisfactory for apartment use, and this variety has made a place for itself in the first rank as a decorative plant. Its foliage is of rich, glossy, dark green; the pinnæ or leaflets, besides being wavy or undulated on the edges, are also deeply cut or toothed, giving the plant a graceful and light appearance. (See cut.) 3-inch pots, 15 cts. each. 4-inch pots, 25 cts. each.

### POLYPODIUM MANDAIANUM.

This beautiful Fern originated as a seedling of P. Aureum and is similar in habit of growth to its parent, producing on well-grown plants fronds from 2 to 3 feet long, on which all of the pinnæ is beautifully fringed or laciniated; entirely distinct from all other varieties; it makes a handsome specimen grown either in a pot or a hanging basket. Illustrated on page 157. 4-inch pots, 50 cts. each, 6-inch pots, \$1.00 each.

### Polypodium Glaucum Cristatum.

A perfect gem and entirely distinct from all other Ferns, and a splendid subject to grow into specimen plants; the fronds attain a height of about 2 feet, and are of a metallic glaucous blue color, with the edges of the pinnæ wavy and crispate, giving the plant a graceful, unique appearance. \$1.00 each.

### PTERIS CHILDSI.

The most beautiful of all the Pteris. The fronds are large, with the pinnæ deeply dentated and undulated on the edges and crested tips. 4 inch pots, 50 cts. each.

### PTERIS RIVERTONIANA.

This beautiful crested Pteris originated in our establishment and we are confident it will prove itself one of the most distinct and valuable of the many crested forms now grown. See illustration of frond on page 157. 3-inch pots, 25 cts. each; 4-inch pots, 50 cts. each.

### NEW CRESTED BOSTON FERN, IOHN WANAMAKER.

An entirely distinct new variety with long, narrow, gracefully recurving, bright green crested fronds, an excellent house plant. 4-inch pots, 50 cts each; 6-inch pots, \$1.00 each.





POLYPODIUM MANDAIANUM (Offered on page 156)

### Dreer's General Collection of Fine Ferns

Our collection of Ferns is the most extensive in the country. We annually produce over two millions of these plants, which shows their great popularity.

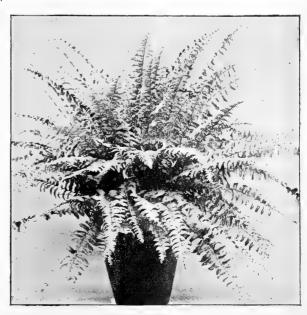
Adiantum Bellum. A pretty crested sort. 15 cts.

- Æmulum. 25 cts.
- Croweanum. The hardiest Maiden Hair for home culture, 25 cts. each.
- Cuneatum. The popular Maiden Hair. 15 cts. and 25 cts.
- Grandiceps. A beautiful crested form. 15 cts.
- Farleyense. The finest of all Maiden Hairs, but will not succeed as a window plant, requiring the moist atmosphere of the greenhouse. 25 cts., 50 cts., \$1.00 and \$1.50 each.
- Fergussoni. 50 cts.
- Hybridum. 25 cts.
- Mundullum. 25 cts.
- Reginæ. 25 cts,
- Rhodophyllum. 25 cts.
- Rochfordianum. 25 cts.
- Sanctæ Catharinæ. 25 cts.
- Scutum. 25 cts.
- Trapeziforme. 50 cts.
- Weigandi. A pretty little crested species, 25 cts. each. Alsophila Australis (Australian Tree Fern). 25 cts. Aspidium Tsussimense. One of the best for Fern dishes.
- Blechnum Braziliense. A desirable dwarf Tree Fern. 15
- A desirable dwarf Fern. 15 cts. Occidentale.
- Cibotium Schiedei. One of the most desirable and valuable Ferns in cultivation. 50 cts., \$1.00, \$1.50, \$2.50 and \$5.00
- Cyrtomium Caryotidium. 15 cts.
- Falcatum (Holly Fern). 15 cts.
- Fortunei. 15 cts.
- Davallia Affinis. 25 cts.
- Epiphylla. 50 cts.
- Tenuifolia stricta. 15 cts.
- Goniophlebium Subauriculatum. If grown in a suspended basket in a moist conservatory will produce fronds 8 to 10 feet long. 50 cts.
- Gymnogramma Sulphurea ("Sulphur Fern"). 15 cts.
- Lastrea Chrysoloba. 20 cts. Lomaria Ciliata. A dwarf Tree Fern. 15 cts.

- Lygodium Japonicum. Dark green foliage. 15 cts.
- Scandens. 15 cts.

  Nephrolepis Bostoniensis (Boston Fern). The original type, producing large specimens with long graceful fronds. 4 inch pots, 25 cts.; 6-inch pots, 75 cts.; large specimens, \$2.50 each.
- Cordata Compacta. A splendid miniature variety of the Boston Fern. Fine young plants. 15 cts. each.
- Elegantissima Improved (Ostrich Plume Fern).
- beautiful crested form, with broad, plume-like fronds. 4-inch pots, 25 cts.; 6-inch pots, 75 cts. each.

   Scotti (Dwarf Boston Fern). A compact, dwarf-growing form; a beautiful Fern. 4-inch pots, 25 cts.; 6-inch pots, 75 cts.; specimens, \$2.50 each.



NEPHROLEPIS SCOTTI (Dwarf Boston Fern)



PTERIS WILSONI (Crested Fern)

## Dreer's General Collection of

## FINE FERNS-(Continued)

Niphobolus Lingua. 25 cts. Onychium Japonicum. 15 cts.

Polypodium Areolatum 15 cts.

- Aureum. 15 cts.

Polystichum Setosum. 20 cts.

Platycerium Alcicorne (Elk's Horn Fern). Narrow forked fronds-75 cts, each.

- Stemmaria. Makes a fine exhibition plant. \$1.50 each.
- Willinckii. \$2.00 each.

Pteris Argyræa. 15 cts.

- Adiantoides. 15 cts.
- Alexandriæ, 15 cts.
- Cretica Albo=Lineata. 15 cts.
- — Magnifica. 15 cts.
- \_\_ \_ Mayi. 15 cts.

### SELAGINELLAS, OR MOSSES.

Useful in connection with ferns for the filling of Wardian Cases, Fern Dishes, etc. The varieties offered below are among the most useful and interesting.

Amœna.

Cæsia Arborea,

Cuspidata,

Emiliana Aurea,

Flabellata,

Krauseana.

Martensi.

Watsoniana.

15 cts. each. Set of 8 varieties for \$1.00.

### FERNS For Fern Dishes.

We have at all times a good supply of the most desirable varieties for this purpose. 2½-inch pots, \$1.00 per doz.; \$6.00 per 100.



FRRN DISH WITH COCOS PALM FOR CENTRE

- Flabellata. 15 cts.
- Hastata. 15 cts.
- Internata, 15 cts
- Nobilis. 15 cts. Ouvrardi. 15 cts.
- Parkeri. 15 cts.
- Serrulata. 15 cts.
- Cristata. 15 cts.
- Sieboldi. 15 cts.
- Tremula. 15 cts. Victoria. 15 cts.
- Wilsoni. 15 cts.
- Wimsetti, 15 cts.
- Distinction. 15 cts.
- Grandis. 15 cts.
- Multiceps. 15 cts. Sitolobium Cicutarium. Good

fern for the amateur. 15 cts.

### COLLECTIONS OF FERNS.

One each of the 17 Adiantums, \$3.00. 25 distinct Ferns,

our selection, \$3.00.

" of 50 distinct Ferns,

our selection, \$5.50.

75 distinct Ferns,

our selection, \$7.50.

### GARDENIA FLORIDA (Cape Jessamine).

Beautiful greenhouse evergreen shrubs, with delightfully fragrant, pure white, waxy flower, blooming from May to July.

3-inch pots, 30 cts. each; \$3.00 per doz; 4-inch pots, 50 cts. each; \$5.00 per doz.; 6-inch pots, \$1.00 each.

### GENISTA.

Fragrans. A most desirable spring-flowering plant, producing its fragrant, bright, golden-yellow flowers in the greatest profusion. As a window plant of easiest culture it is unsurpassed. Especially desirable for Easter decoration.

Fine plants in 4 inch pots, flowering size, 35 cts. each. Larger plants in 6-inch pots, 50 cts. and 75 cts. each.

### GLORIOSA (Climbing Lily).

Superba Rothschildiana. A splendid tropical climbing plant, easy to grow in a warm conservatory; grows 6 to 10 feet high, producing its gorgeous lily-like flowers, which open a bright yellow, changing to a deep scarlet, in bloom through the summer and autumn months. 50 cts. each.



GARDENIA (Cape Jessamine)

# GERANIUMS AND PELARGONIUMS

We offer only a short list of Geraniums—the most popular bedding plant in existence; but those offered are a careful selection of the best and most desirable varieties in their respective colors.

### TWELVE BEST DOUBLE GERANIUMS.

Alphonse Riccard. Bright vermilion-scarlet, large florets and trusses; the finest large-flowering scarlet bedder.

Beaute Poitevine. The best double salmon-pink bedder.

Berthe de Presilly. Splendid light pink bedder. Dryden. White centre, gradually shading to a glowing soft crimson at the outer edge.

Deep carmine, tinted violet, Edmund Blanc. white eve.

Jean Oberle. An exquisite shade of hydrangeapink.

Jean Viaud. Bright clear mauve-pink, very large trusses.

Maryland. An intense fiery-red, a splendid bed-

Mme. Landry. Distinct salmon-pink.

Mme. Recamier. A beautiful pure white bedder. Marquis Castellane. A combination of two distinct shades of red; an excellent bedder.

S. A. Nutt. One of the best rich dark crimson bedders.

15 cts. each; \$1.25 per doz.; \$10.00 per 100. Set of 12 varieties, \$1.25.



Alice of Vincennes. Ground color white, with a gradual gradation from the centre to rich crimson scarlet at the edges.

Baronne Grubissich. Tender rose, with clear white eye.

C. de Angelville. Carmine-red, with large white centre.

Count Zeppelin. Compact growing light vermilion.

Jean Pabon. Bright vermilion, with small white eye.

Maxime Kovalevski. Brilliant pomegranate-red.

Mrs. E. G. Hill. Beautiful salmon; a fine large flower.

Mrs. E. Rawson. A good bright scarlet.

Mrs. George Burke. Very perfect, cochineal carmine, upper petals shaded raspberry-red.

Rosalda. Rich crimson-pink, upper petals heavily blotched, white and pencilled carmine.

Snowdrop. The finest white single bedder.

Tiffin. Rich glowing scarlet, with crimson shadings in the upper petals.

15 cts. each; \$1.25 per doz.; \$10.00 per 100. Set of 12 varieties, \$1.25

### IVY-LEAVED GERANIUMS.

Ballade. Tender lilac, upper petals feathered with crimsonmaroon, semi-double.

Colonel Baden Powell. Very large semi-double soft blush. Corden's Glory. Brilliant scarlet.

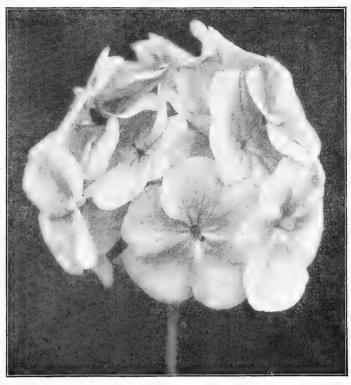
Dina Scalarandis. Double white, tinted blush.

Mme. Thibaut. Semi-double, clear rosy-pink.

Mrs. Banks. Blush-white, upper petals feathered deep pink, semi-double.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Set of 6 varieties, 75 cts.



SINGLE GERANIUM

### SCENTED-LEAVED GERANIUMS.

Rose, Lemon, Nutmeg, Oak-leaved, Scarlet Mrs. Taylor.

10 cts. each; \$1.00 per doz. Set of 5 for 50 cts.

### PELARGONIUMS OR LADY WASHINGTON GERANIUMS.

The six varieties offered below are a choice selection of distinct colors.

Crimson King. An intense rich crimson.

Duke of Cornwall. Reddish-crimson, bordered with light

Linda. Clear salmon, feathered and blotched maroon in the upper petals.

Mme. Thibaut. White, richly blotched and marked with rose, the upper petals marked with crimson-maroon, with large white centre.

Mrs. R. Sandiford. Pure glistening snow-white.

Sandiford's Best. Beautiful shade of pink, surrounded with deep band of pure white, and large white throat.

20 cts. each: \$2.00 per doz. Set of 6 varieties, \$1.00.

### New Everblooming Pelargonium.

This variety is remarkable for its early Easter Greeting. and free-flowering habit, and while its principal crop of flowers is produced in early spring, it is the first variety introduced which, in a favorable season, continues to bloom throughout the summer and fall months. Its flowers are of large size, a bright amaranth-red, each petal marked with a large black blotch, 25 cts. each; \$2.50 per doz.

## DREER'S SELECT GLADIOLUS (Sword Lily).

The interest developed in the Gladiolus during the past few years has been tremendous, and thousands of bulbs are now planted annually where dozens were used in the past. Their present popularity is sure to continue and increase, as they are, without doubt, the most attractive and useful of all summer-flowering bulbs, and, as a cut flower through the summer and autumn months, hold a place that cannot be taken by any other flower.

For best results they should have a sunny position. A good sandy loam suits them best, but they do equally as well in heavy soil, provided there is perfect drainage. Well-rotted stable manure is the very best fertilizer, and where convenient it should be spread over the land in the fall, and dug in the following spring. Sheep manure is an excellent substitute and can be applied in the spring. The best time to plant is about the first of May, putting in the smallest bulbs first, and reserving the larger bulbs for later planting. A succession of bloom may be had from July to October by making plantings two weeks apart up to the end of June. To make a good show they should be planted from three to four inches apart each way. The depth to plant is regulated by the size of the bulb, the large bulbs being covered about six inches deep, smaller ones from three to four inches.

They are very effective in lines or beds or when planted among Roses, Pæonies, Shrubbery, etc.

In cutting Gladiolus for the house, it is best to cut the spikes as soon as the first one or two lower flowers are open. The remainder will open in the house. Remove the faded flowers, cut a little off the stem, and change the water every day; treated in this way a spike will last a week or ten days, and as a rule the colors are more refined when developed in the house. Wonderful improvements are being made each year in the size, color and beauty of these flowers, and our list comprises only the best both in mixture and in named sorts.

### DREER'S "BLUE AND GOLD" GLADIOLUS.

The two varieties, Baron Hulot and Sulphur King, shown in colors on the plate opposite, make what is perhaps one of the most effective color combinations possible when planted together in the garden, and particularly so when cut and a few spikes placed together in a vase, and we feel sure that anyone who grows these two beautiful sorts will be more than pleased with them.

### BARON HULOT.

A really fine blue Gladiolus, in color a rich, royal violet-blue, a good grower with well expanded flowers, very effective when cut and used in conjuction with Sulphur King or other yellow variety. 5 cts. each; 50 cts. per doz.; \$3.00 per 100; \$25.00 per 1000.

#### SULPHUR KING.

This splendid variety is generally conceded to be the finest clear yellow yet introduced. It produces extra long spikes well filled with its attractive flowers which are of good size. 15 cts. each; \$1.50 per doz.; \$12.00 per 100.

3	each o	of the	Blue	and	Gold	Gladiolus	for	.50
12	6.6	6.6	6.6	66	66	€ €	for	1.85
25	66	66	66	6 (	6.6	4 6	for	3.50
50	4.6	4.6	66	6.6	6.6	"	for	6.50

### SUPERB NEW AND RARE GLADIOLUS.

The twelve sorts offered below are all extra high grade and will be a real surprise to those who are only familiar with the older varieties.

- Cardinal. The most brilliant cardinal-scarlet yet introduced. Flowers large, in fine spikes; very rich and showy. 15 cts. each; \$1.50 per doz.; \$12.00 per 100.
- Charlemagne. A French introduction of the Giant type, with very large, open flowers on massive spikes; color described by introducer as sunrise-red, flaked darker, and marked with large creamy-white blotches, densely dotted with purple-carmine. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.
- Deuil de Carnot. A superb French introduction, with large, open flowers of velvety crimson-maroon, shaded with black; the richest colored of all. 30 cts. each; \$3.00 per doz.
- Etendard. One of the choicest introductions of the famous French Hybridiser, Lemoine, with immense Orchid-like flowers four inches and over across. Upper petals rich cream tinted rose, lower petals marked with large fiery-red blotches, clearly margined with bright yellow. An exceedingly rich color combination. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.
- Eucharis. Large well-opened flowers on long spikes, of a delicate blush-white blotched slightly deeper; a charming, dainty coloring. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.
- Europa. This magnificent European variety has been on the market for several years, but is still scarce. It is considered by many experts to be the best pure white yet introduced, having the finest spikes, the best individual flowers, and the purest in its snowy whiteness. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

- Golden West. We are glad to be able to again offer this fine American introduction. Its well rounded flowers of unusual substance are of a bright orange-scarlet overlaid with a golden suffusion, the lower petals spotted with yellow and faintly traced with violet. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.
- Heliotrope. Fine large flowers of velvety bishop's violet, shaded with pansy-purple; rich and novel. 25 cts. each;
  \$2.50 per doz.;
  \$18.00 per 100.
  La Couronne. A new and beautiful French variety with
- La Couronne. A new and beautiful French variety with flowers of largest size, of a creamy white, the throat blotched with dark maroon bordered with pale yellow; one of the most attractive of the recent introductions. 25 cts. [each; \$2.50 per doz.; \$18.00 per 100.
- Mrs. Frank Pendleton. All experts agree that this is one of the finest varieties yet introduced. The flowers are of largest size, borne on strong, straight spikes. In color a lovely salmony-pink with brilliant deep, red blotches in the throat. A color combination rivalling many of the finest Orchids in its richness, exquisite in every way. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.
- Pink Perfection. This magnificent imported sort has attracted great attention at the exhibitions both in this country and in Europe, the color is a soft appleblossom pink with chamois suffusion that is very attractive, and is considered one of the choicest of the recent introductions. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.
- Schwaben. A most meritorious imported variety of wonderful vigor, with strong erect spikes and large well expanded flowers of a clear canary yellow with a small blotch of deep garnet in the throat. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

### COLLECTIONS OF SUPERB NEW AND RARE GLADIOLUS.

1	each	of the	above	e 12 :	sorts	 	\$2 00	6	each	of the	e above	12 9	sorts fo	r	\$10 00	)
3	6.6	66	44	12	66	 	5 50	12	6.6	6.6	66	12	66		19 00	)



Mrs Fr

Niagara

America

Peace

# Dreer's Six Grand American Gladiolus

Within recent years American hybridizers have produced some of the very best Gladiolus, being noted for their strong, free growth, free-flowering qualities, purity of color and their ability to produce satisfactory results in our climate even under the most ordinary conditions, and whether wanted for show in the garden or for cutting, the six sorts offered under this head now hold the premier place in their respective colors, and are offered at prices so reasonable, considering their high-grade, that they should be planted in quantity wherever summer flowers are wanted.

America. Conceded to be one of the finest varieties for cutting or bedding ever sent out; color a beautiful soft flesh-pink; orchid-like in its coloring and texture; growth and habit perfect. 5 cts. each; 40 cts. per doz.; \$2.50 per 100; \$22.00 per 1000.

Mrs. Francis King. A striking shade of light scarlet or flame color; one of the most effective both in the border and when cut. 5 cts. each; 40 cts. per doz.; \$2.50 per 100; \$22.00 per 1000.

Niagara. A charming variety, with all the good qualities of America, but of a delicate cream-yellow, lightly marked and splashed with rosy-carmine in the throat; very large, open flowers on tall, straight spikes; beautiful as a cut-flower. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Panama. An introduction of sterling merit, is a favorite wherever high grade varieties are grown. It is similar to and has all the good qualities of America, but in color is a rich rose-pink. Unquestionably one of the finest. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Peace. Immense pure white flowers with a touch of carmine in the lower petals. These are borne on tall, graceful spikes; a beautiful and exceedingly refined variety. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Princeps. Immense wide-open amaryllis-like flowers of a rich, dazzling scarlet, marked with white on the lower portion, which serves to intensify the brilliancy of the scarlet. 5 cts. each; 50 cts. per doz.; \$3.00 per 100.

														\$ 1.00
														1.85
														3.50
25	66	66	6.6	66 0	66	66,	"	66	150	66	66	€ €	46	6.75
100	66	66	6.	6.6	. 6	66	66	66	600	66	66	46	66	$2\dot{5}.00$

# DREER'S GENERAL COLLECTION OF CHOICE NAMED GLADIOLUS

In addition to the Superb New and Rare Named Sorts offered on the preceding page, and the six grand sorts offered above, we offer below a very select list of named sorts, each one quite distinct and first-class in every way.

America. See top of this page.

Augusta. A lovely and useful variety, pure white with blue anthers. 5 cts. each; 50 cts. per doz.; \$3.00 per 100.

Baltimore. Splendid, tall erect spikes with flowers of immense size; color light salmon, throat marked with deeper salmon on a cream colored ground. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Blanche. This is the finest white of the Giant type, immense flowers of pure white, lightly marked with pale rose; a gem. 10 cts. each: \$1.00 per doz: \$7.50 per 100

10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Brenchleyensis. The best and most effective vermilion-scarlet for massing. 30 cts. per doz.; \$1.75 per 100; \$15.00 per 1000.

Brilliant. Glistening scarlet with carmine and white throat. One of the best scarlets. 6 cts. each; 65 cts. per doz.; \$5.00 per 100.

Canary Bird. A splendid clear canary-yellow. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Ceres. White flaked with purplish-rose. 5 cts. each; 40 cts.

per doz.; \$2.50 per 100. **Columbia.** Large light orange-scarlet, splashed and blotched

with bluish-purple; very effective. 6 cts. each; 60 cts. per doz.; \$4.00 per 100.

Empress of India. Rich velvety dark red with deeper shad-

**Empress of India.** Rich velvety dark red with deeper shadings; one of the richest colored varieties. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Glory of Holland. A beautiful pure white, with lavender anthers; flowers very large; first-class in every way. 5 cts. each; 50 cts. per doz.; \$3.50 per 100.

**Klondyke.** A clear yellow, with a vivid crimson-maroon blotch in the throat; a splendid free grower. 5 cts. each; 50 cts. per doz.; \$3.50 per 100.

La Candeur. Of special value, owing to its being the latest of all to flower. Large, well-rounded flowers of creamy white, with rosy markings, in spikes 4 to 5 feet high. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

May. Pure white ground penciled with rosy-crimson; fine for cutting. 5 cts. each; 50 cts. per doz.; \$3.50 per 100.

Mrs. Francis King. See top of this page.

Niagara. See top of this page.

Panama. See top of this page.

Peace. See top of this page.

Princeps. See top of this page.

Rosella. Delicate rose, stained purple and white; large, open orchid-like flowers; a handsome and satisfactory variety. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

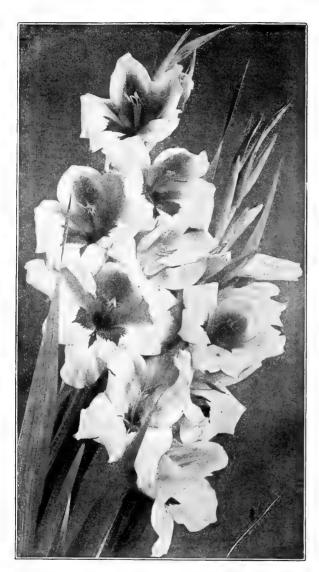
Scribe. The giant-flowering Eugene Scribe, and similar in color—soft rose blazed with carmine—but with very large, open flowers and enormous spike. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Shakespeare. White, slightly suffused with carmine-rose; large rose blotch. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

### COLLECTIONS OF CHOICE NAMED GLADIOLUS.

1	each of th	ie 22 v	arieties o	n this	page,	22 i	n all	 \$1.35	6	each	of the	22	varieties	on thi	s page,	132	in a	all	\$7.0	0
3	66	22	66	6.6	•	36	66	 3.75	12	6	4	22	6 4	. 66		264	66		13.0	0

## DREER'S SELECT GLADIOLUS—Continued.



GLADIOLUS, GOLD MEDAL HYBRIDS

## **GLADIOLUS** in Mixture

Our mixtures offered below are made up of fine varieties, not the common sorts, which produce themselves so freely, and are all **strictly selected first size bulbs**, and are sure to give satisfactory results.

### DREER'S SUPERB

### GENERAL MIXTURE.

This is our popular low-priced mixture, and is composed of fine sorts, in all colors, in first size bulbs only. We have tested many brands of mixtures, some of them costing twice as much as this, but have never seen any which surpassed it in variety of coloring or general excellence, and, whether wanted for planting for effect or for cutting, will be found entirely satisfactory. 30 cts. per doz.; \$1.50 per 100; \$12.00 per 1000.

## LEMOINE'S BUTTERFLY HYBRIDS MIXED.

The remarkable richness of the colorings of this class rivals the finest orchids. 25 cts. per doz.; \$1.75 per 100; \$16.00 per 1000.

### NEW GIANT (Nanceanus).

A magnificent race of extraordinary size and remarkable beauty, possessing the long-lasting properties and the beautiful markings of the Lemoine section. Mixed varieties, 40 cts. per doz.; \$2.50 per 100; \$22.00 per 1000.

### PRIMULINUS HYBRIDS.

The original of this type introduced from South Africa has been much improved by crossing with choice garden varieties, and the mixed hybrids here offered are certain to produce some beautiful flowers, mostly in tones running from light yellow to orange apricot and crimson; the flowers are of good size, borne on tall graceful spikes, and are of healthy, vigorous constitution. 50 cts. per doz.; \$3.50 per 100; \$32.00 per 1000.

## MIXED GLADIOLUS IN SEPARATE SHADES.

				ooz.	100.	1000.
Scarlet and Crimson	shades	mixed	₫§	0.30	\$2.00	\$18.00
White and Light	4.6	"		-40	2.50	20.00
Yellow and Orange	66	4.6		.60	4.50	40.00
Striped and Variegate	ed"	6.6		.40	3.00	25.00
Pink and Rose	- 66	6.6		.30	2.00	18.00

### GOLD MEDAL HYBRID GLADIOLUS.

We grow this magnificent strain for the express purpose of being able to supply many of our customers who want something decidedly better than the usual run of mixtures and who do not care for the named sorts. When Gladiolus are grown in mixture they are liable to deteriorate rapidly, and finally contain only a few colors. To avoid this we grow small blocks of a large number of exquisite colors, many of them high priced sorts, from which these mixtures are made, which insures results which cannot be had in any other way, and if you wish something really extra fine, these are sure to please you.

Gold Medal Section No. 1. This contains all the scarlet, blood-red, garnet, amaranth and similar rich shades of color in great diversity. 5 cts. each; 50 cts. per doz.; \$3.50 per 100.

Gold Medal Section No. 2. This is composed of the white, yellow and delicate shades of pink, rose, etc., and is especially valuable for cutting. 5 cts. each; 50 cts. per doz.; \$4.00 per 100.

Gold Medal Section No. 3. In this section are included the new blue, heliotrope, lilac, mauve and similar tints. A lady customer, on seeing a bunch of these, called them "pansy colors," which aptly describes them. They are for the most part entirely new and distinct. 6 cts. each; 65 cts. per doz.; \$5.00 per 100.

Gold Medal Mixture. This contains some each of the three sections, and so great is the diversity in colors that customers run practically no risk of getting any two alike; by far the finest mixture of Gladioli ever offered. 5 cts. each; 50 cts. per doz.; \$4.00 per 100; \$35.00 per 1000.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

# HENRY A DREER · PHILADELPHIA · PA · GREENHOUSE PLANTS



DREER'S SELECT GLOXINIAS

The Gloxinia ought to be one of our common plants because of its great beauty, the profusion of its flowers and its summer blooming habit. But it is not common, by any means, and this fact is attributable almost entirely to the impression that prevails to a great extent that it is a very difficult plant to grow—quite beyond the ability of the amateur, in fact. Such is not the case, however, if

one goes at it in the right way.

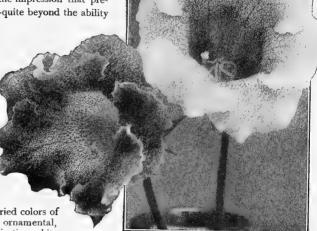
Full cultural directions are given in our new book, "Dreer's Hints on the Growing of Bulbs," Price, 50 cts., or free if asked for at time of ordering.

We offer them in the following separate colors, viz.: Blue, Red, White, Red with white border, Blue with white border; also in choicest mixed colors. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

### NEW EMPEROR GLOXINIA.

(Gloxinia Hybrida Imperialis,)

A new hybrid strain produced by crossing Sinningia Regina Hybrida with the choicest strains of Gloxinias, resulting in a plant which not only embraces all the rich and varied colors of the Gloxinia, but in which the foliage also is distinct and very ornamental. being of a reddish-brown or bronzy color, with strongly projecting white veins, while the flowers are held very erect, thus showing to full advantage. Strong bulbs, in choice mixed varieties, 25 cts. each; \$2.50 per doz.



DREER'S SUPERB GLOXINIAS

### Heliotropes.

(Cherry Pie.)

Heliotropes are great favorites, principally on account of their delicious fragrance; they grow freely under glass, and may be planted in the open border during the summer.

Centefleur. The best rich, deep violet variety.

Chieftain. Lilac; large truss; very fragrant.

Mme. de Blonay. finest large-flowering

10 cts. each; \$1.00 per doz,



HIBISCUS SINENSIS

### HELICONIA.

Aurea Striata. Hothouse plant with large, ornamental, oblong leaves of deep glossy green, marked by curving parallel lines of yellow; useful subject for exhibition purposes. each.

### HIBISCUS ' SINENSIS.

(Chinese Hibiscus.)

Well-known evergreen tender shrubs which may be either grown in a pot or tub, or planted out during the summer. They flower freely during the entire summer, and even in the winter if kept in a light, sunny position in the house. As a rule, they flower

more freely when grown in a pot or tub, and when grown in this way the roots are kept in confinement, and it is easier to handle them in the winter. They can also be kept over winter in a warm cellar or any place where the thermometer does not fall below 50 degrees. In such a position give only enough water to keep alive, never permitting the soil to become dust-dry.

Aurantiacus. Fine double pure salmon.

Grandiflorus. Very large single rose.

Miniatus Semi-pienus. The finest and most brilliant semi-double vermilion-scarlet, with flowers 4 inches in diameter.

Peachbiow. Large double flowers of a soft pink, with deeper centre.

Sub=Violaceus. Flowers very large, of a beautiful carmine tinted violet. 15 cts. each; \$1.50 per doz.; the set of 5 for 65 cts.

The Hardy Hibiscus are offered on page 221.

### HYACINTHUS CANDICANS (Cape Hyacinth).

A snow-white summer-flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from 20 to 30 pure white, bell-shaped flowers. 5 cts. each; 50 cts. per doz.

### HYDRANGEA OTAKSA.

This is the variety that is used so extensively at the Atlantic seashore resorts, producing immense heads of usually pink but sometimes blue flowers, throughout the entire summer. We have a grand lot of plants specially prepared for summer flowering that will make a handsome display.

Young plants in 4-inch pots, 25 cts. each; \$2.50 per doz. Good plants in 6-inch pots; 50 cts. each; \$5.00 per doz.

Specimens in 11-inch tubs, \$1.50 each, including tub.

HYDRANGEA HORTENSIS. See page 164.

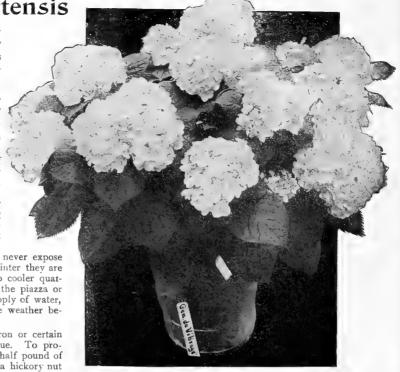
HYACINTHUS CANDICANS

Hydrangea Hortensis

Although hardy in sheltered favorable positions in the latitude of Philadelphia, they will give more satistaction when grown as pot or tub plants and protected against frost. They thrive in any good garden soil, but give better results when grown in a soil composed of two parts of good turfy loam and one part of thoroughly decomposed cow or stable manure. When in active growth supply liberally with water; at this time also stimulants in the form of liquid manure, our Peerless Plant Food or Bonemeal, will prove beneficial. Give full exposure to the sun, except when in flower, when a slight shade will prolong their blooming. On the approach of freezing weather store in a light cool cellar or similar place, water only sufficient to prevent the roots from drying up. Keep the plants

as cool as possible during the winter, but never expose to frost; if they start into growth during winter they are stored too warm, and should be moved to cooler quarters. Early in spring bring the plants on the piazza or some sheltered place and increase the supply of water, again giving full exposure as soon as the weather becomes thoroughly settled.

In some soils, due to the presence of iron or certain chemicals; Hydrangeas naturally flower blue. duce this color artificially incorporate one-half pound of alum broken into pieces about the size of a hickory nut with each bushel of soil.



SPECIMEN PLANT OF NEW HYDRANGEA

### HYDRANGEA NOVELTIES FOR 1916.

The increased demand for new and improved Hydrangeas has stimulated the efforts for the production of still greater improvements and as the result we have the past season tested thirty-two new varieties all of which possessed some points of merit, but from which we have selected the following twelve sorts as the most novel and distinct.

Directeur Vuillermet. Immense trusses of medium sized; | fringed; good pink flowers.

L'Islette. Rosy carmine, of medium size; very free; unusually promising.

Louis Foucard. Very free-flowering, rosy-carmine.

Mme. E. Tabar. Very delicate rose color.

Mme. Legou. Distinct, large and imposing creamy-white.

Mme. R. Jacquet. Compact heads of a pretty pale-pink.

Mile. Lucienne Chaure. Nicely fringed bright rosy carmine, strong growth, a good garden variety.

MIIe. Rene Plessier. Splendid tender rose.

Prof. A. Vezzin. White suffused with carmine.

Souvenir de Mme. Victor Raoult. Very large lively rose.

Souvenir de Monsieur Belot. Lively carmine-rose.

Ville de Chartres. Immense pure white of vigorous habit.

Price. Strong young plants, 50 cts. each; \$5.00 per doz.; one of each of the 12 varieties for \$5.00.

### NEW HYDRANGEAS OF 1915.

Baby Bimbenet. Very dwarf, free and early. Large compact trusses of silvery-rose flowers.

Beaute Vendomoise. Immense heads of white flowers tinted pink; the individual florets attain a diameter of 4 inches.

Very bright carmine rose, the nearest approach to Eclaireur. a red.

La France. Deeply fringed flowers of delicate rose.

La Perle. The largest and most refined white; flowers deeply fringed.

Lilie Mouillere. Bright carmine rose.

Louis Mouillere. A fine deep rose-pink, fringed florets. Mme. Auguste Nonin. An unusually pretty pale pink. Souvenir du Lieut. Chaure. Produces immense heads of bright rose-carmine flowers on bold upright stems.

Price. Strong young plants, 25 cts. each; \$2.50 per doz.; one of each of the 9 sorts, for \$2.00.

### GENERAL COLLECTION OF HYDRANGEA HORTENSIS.

Avalanche. Large corymbs of pure white flowers.

Bouquet Rose. Large trusses of well-formed flowers; rosyamber, turning to bright pink.

E. G. Hill. Trusses of immense size, color a most pleasing

shade of pink which does not fade; growth vigorous.

General de Vibraye. Very large heads of bright rose. La Lorraine. Large flowers, pale rose turning to bright pink.

Mile. Rene Gaillard. A pleasing white variety.

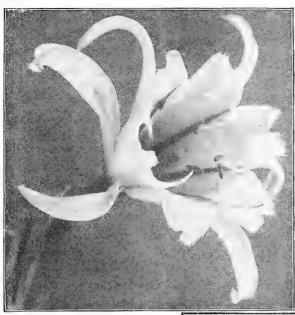
Mme. Maurice Hamar. Large delicate flesh-rose color. Mme. Emile Mouillere. One of the best; very large, of the purest white, with rosy-carmine eye.

Mont Rose. Immense panicles of a clear flesh rose.

Ronsard. Very large, beautiful rose flowers.

Souvenir de Mme. E. Chautard. Bright rose colored. Vieux=Chateau. Very large white flowers; these as they mature become suffused with a delicate rosy-carmine tint.

Price. Any of the above in 3-inch pots, 20 cts. each. Set of 12 for \$2.00. 6-inch pots, 50 cts. each. Sets of 12 for \$5.00.



ISMENE (Peruvian Daffodil)

### IPOMŒA.

Noctiflora (Moon Flower). The well-known popular vine; white flowers. 10 cts. each; \$1.00 per doz.

Leari (Blue Dawn Flower). Intense violet-blue, flowers 6 inches in diameter. 10 cts. each; \$1.00 per doz.

### Ismene Calathina.

(Peruvian Daffodil )

A grand summer-flowering bulb, producing with great freedom large Amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place, and plant out in June. Bulbs can be taken up in October, and, fafter a few weeks' rest, potted and flowered in the house in the winter, or kept over for planting out another season. (See cut.) 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

### Isolepis Gracilis.

A useful plant with graceful, grasslike, dark-green drooping foliage, for vases, baskets or the window garden. 15 cts. each; \$1.50 per doz.

### JUSTICIA.

Velutina. A little known Brazilian plant of dwarf shrubby habit of easiest culture that will give most satisfactory results to the amateur as a window plant for the late fall and early winter, producing its large terminal heads of pink flowers from October to February. 25 cts. each; \$2.50 per doz.

### LANTANAS.

Well-known useful summer bedding plants; all of the varieties offered are of desirable compact habit of growth.

Alba Perfecta. The best white.

Comtesse de Biencourt. A splendid pink.

Craigi. Rich orange-scarlet.

Pluie d'Or. Deep golden-yellow.

10 cts. each; \$1.00 per doz.

### LAGERSTRŒMIA.

(Crape Myrtle.)

This is one of the prettiest shrubs, and while hardy south of the Potomac, requires protection in this latitude. All, however, that is necessary is to winter the plants in a cellar or similar position where they will be protected from very severe weather.

> Grown in large pots or tubs, specimens 6 to 8 feet high can be produced with little difficulty, and which for two to three months in the summer will be covered with flowers.

Indica. Delicate soft pink. 50 cts. each.

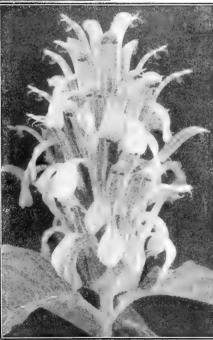
### LAPAGERIA.

Extremely beautiful ornamental greenhouse climber, producing numerous fine, large, bell-shaped, waxy flowers of great substance, lasting a long time in bloom. Rich, rosy-crimson. Rosea. each.

Alba. Pure, waxy white. \$3.00 each.

### LOBELIA.

Crystal Palace Compacta. Rich dark blue, much used for bedding, vases, etc. 10 cts. doz.; \$6.00 per 100. 10 cts. each; \$1.00 per



JUSTICIA

### IXORAS.

These are among the showiest of hothouse flowering plants. The flowers are borne in large terminal corymbs, shaped somewhat like a Bouvardia.

Chelsoni. Brilliant salmon-orange.
Coccinea. Bright red, in very large corymbs.

Colei. A distinct white variety. Dixiana. Deep orange in large trusses.

Flore lutea. Very large creamy-yellow.

Delicate flesh color. Incarnata. Delicate flesh co Javanica. Deep orange-red.

50 cts. each. Set of 7 varieties for \$3.00.

### JASMINUM.

Grandiflorum (Catalonian or Star Jasmine). Very fragrant single white flowers, in bloom continuously. 15 cts. each.

Grand Duke. Double white, fragrant flowers. 25 cts. each.



LAGERSTREMIA (Crape Myrtle)



MARANTA VITTATA

### MARANTA.

Valuable decorative hothouse plants, remarkable for the richness and beauty of

their varied foliage.	EA	CH.
Classoni	\$0	75
Goveniana		25
Illustris		75
Insignis		50
Kerchoviana		25
Makoyana		50
Rosea Lineata		75
Sanderi	1	00
Van den Heckei		
Vittata		
O h -Cab - 10 maniation for \$5	٥٥	

One each of the 10 varieties for \$5.00.

### MEDINILLA.

The Medinillas here described are among the most gorgeous tropical flowering plants

in cultivation, and most desirable for the amateur who has the facilities of a hothouse. They are natives of the Philippines, with handsome, broad, shining, leathery Diage. The plants continue in flower from April to July; the flowers are of a coralred color, five petalled, each about an inch across, and are borne in immense pyramidal racemes, frequently a foot long, and bearing from 100 to 150 flowers. A large well-flowered specimen is a sight never to be forgotten.

Magnifica. Flowers in pendulous racemes. \$1.00 each. Magnifica Superba. Very large pendulous racemes. \$1.00 each.

Amabilis. Racemes of flowers are held erect. \$1.00 each.

### METROSIDEROS.

Flori unda (Bottle Brush). A greenhouse shrub, producing long, cylindrical spikes of bright red flowers; very effective. \$1.00 each.

### MUSA ENSETE (Abyssinian Banana).

The grandest of all Bananas; the leaves are magnificent, long, broad and massive; of beautiful green, the midrib turning to crimson as the leaves develop. The plant grows luxuriantly from 8 to 12 feet high. During the hot summer, when planted out, it grows rapidly and attains gigantic proportions, producing a tropical effect on the lawn or flower garden. (See cut.) Good plants, 30 cts. each; strong plants in 5-inch pots, 50 cts. each; very strong plants in 7-inch pots that will give a quick effect, \$1.00 and \$1.50 each; heavy plants in 12-inch tubs, \$5.00 each.

### NASTURTIUMS.

Tom Thumb, or Dwarf. Too well known to need description. Mixed colors, ready in May, 75 cts. per doz.; \$6.00 per 100.

### NEPENTHES (Pitcher Plant).

These interesting plants, with their curious pitchers, require to be grown in a high, moist atmosphere, and in dense shade. The sorts offered are among the choicest of the genus.

Atrosanguinea...\$2 00 Henryana... \$2 00 Pattersoni....\$2 50 One each of the 9 sorts for \$20.00.

### OLEA FRAGRANS (Sweet Olive).

An old favorite greenhouse shrub, succeeding admirably as a house plant, producing insignificant white flowers, but of the most exquisite fragrance, continuing to bloom almost the entire winter. Good plants, 50 cts. each; larger plants, \$1.00 each.

### PANAX.

Pretty shrubby plants for the warm conservatory, of neat, compact growth. Gracillimum. Deep green, deeply-cut foliage. 50 cts. each. Monstrosum aureum. Deep green foliage, with delicate golden-green

variegation. 50 cts. each,

Victoriæ. Small, finely-cut foliage of light green, with white variegation. 25 cts. each.

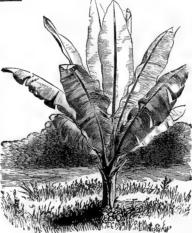
### PANDANUS (Screw Pine). The Pandanus requires about the same

treatment as the Dracæna, but is better adapted to culture in the living-room than that plant is.

**Graminifolius.** Narrow, dark green foliage; makes a pretty plant for table decoration. 50 cts. each.

Pacificus. A rare and beautiful species, with broad, massive, dark green foliage. 3-inch pots, 35 cts. each; 4-inch pots, 50 cts. each; 5-inch pots, \$1.00 each; 6-inch pots, \$1.50 each.

Veitchi. One of the finest decorative plants for the house; graceful foliage, broadly striped with creamy-white on a green ground. 4-inch pots, 12 inches high, 75 cts. each; 6-inch pots, 18 inches high, \$1.50 each; 8-inch pots, 30 inches high, \$3.00 each.



MUSA ENSETE



PANDANUS VEITCHI

### DREER'S ROYAL **EXHIBITION**

### PANSIES.

The plants here offered are grown from our own choicest strain of seed, and for size of bloom, richness of coloring and texture will be found unsurpassed by any other strain. 60 cts. per doz.; \$4.00 per 100.

### PASSIFLORA (Passion Flower).

Attractive climbers, covering a large space in a remarkably short time, and bearing their exquisitely-formed flowers freely throughout the summer and fall.

Constance Elliott. Pure white; a slight coloring at base of petals.

Pfordti. The best variety for outdoors in summer; flowers light blue, suffused with rose and borne freely, even on small plants. (See cut.)

Princeps. This is one of the best greenhouse climbers, a rare and showy variety, with bright red flowers. 50 cts. each.

Price, except where noted, 25 cts. each; \$2.50 per doz.

### PAULLINIA.

Thalictrifolia. A very pretty climbing plant for the conservatory or window, with finely divided fern-like foliage. 25 cts. each.

### NOTE

Please read what we say regarding the filling and forwarding of Plant orders on page 119.



Typical Flower of Dreer's Royal Exhibition Pansy

### PENNISETUM.

(Fountain Grass.)

Tender ornamental grasses, valuable either as individual specimens in the garden or for massing or interspersing with some of the hardy grasses, while as border plants for beds of Cannas or Caladiums nothing equals them.

Macrophyllum Atrosanguineum

(Crimson Fountain Grass). Foliage gracefully recurved, of a pleasing dark metallic, copperybronze, which far surpasses in richness the finest

of the bronze-leaved Cannas; attains a height of about 4 feet, the ends of the shoots being terminated by tawny crimson plumes, 10 to 12 inches long. Ready April 15th. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

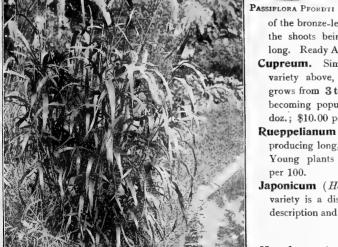
Cupreum. Similar in the dark coppery-bronze color of its foliage to the variety above, but with much narrower, gracefully recurving leaves; grows from 3 to 33 feet high. A valuable border plant that is rapidly becoming popular. Plants ready April 15th. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Rueppelianum (Purple Fountain Grass). Grows about 3 feet high, producing long, graceful green foliage and cylindrical purplish plumes. Young plants ready in May. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Japonicum (Hardy Fountain Grass). This splendid new hardy variety is a distinct addition to the list of Ornamental Grasses. For description and price see page 217.

### PEPEROMIA.

Maculosa. A pretty, dwarf, ornamental foliage plant, the thick leaves being bright green, veined silvery-white; exceedingly useful as a pot plant for the window. 25 cts. each; \$2.50 per doz.



CRIMSON FOUNTAIN GRASS (Pennisetum)

## PALMS, FOR HOME ADORNMENT

O collection of plants is complete without Palms. Their bold, majestic, yet graceful foliage lends a grandeur and magnificence that cannot be obtained by any other class of plants, and no decoration, whether in the conservatory, hall or sitting room, is complete without them. Our facilities for producing this class of stock are the most complete in the country, 55 of our largest houses—over four acres of greenhouse structure—being devoted to them alone, enabling us to supply all the leading and popular sorts at the most reasonable prices.



ARECA LUTESCENS Acanthorhiza Aculeata. 6-inch pots, \$2.50 each.

Dæmonorops Fissus. A beautiful rapid-growing Palm, with graceful fronds composed of narrow pinnæ of a bronzy-green color. 6-inch pots, 3 feet high, \$3.50 each.

Deckeria Nobilis. A very rare Palm, with narrow, divided pinnæ of a light green color, the stems closely protected with long, light-colored spines; requires a close, high temperature. 5-inch pots, \$3.00 each.

Elæis Guineensis. The Oil Palm, a very decorative species, with dark green pinnatified foliage. 5-inch pots, \$1.00 each. Specimens in 8-inch tubs, \$3.00 to \$5.00 each.

Hyophorbe Amaricaulis. An interesting Palm for a collection in a warm conservatory, similar in habit of growth to the Arecas, with bronzy-red stems and olive-green foliage. Young plants in 4-inch pots, 50 cts. each.

Kentia Belmoreana. The Kentias are the hardiest Palms in cultivation. They are of slow growth, and are less effected by the dust and dry atmosphere of the house than any others. The variety here offered is of dwarf, spreading habit, with fine rich dark-green foliage.

																							E	ACH.
	3-	inch	pots,	12	inches	high.			 			 		-					-		-		\$	.25
	4	66	66	15	6.6	6.6	 							 										.50
	5	46	6.6	20	6.6	4 6			 			 												1.00
	6	6.6	66	16	6.6	66				·				 										2.00
	7	66	6 6	30	66	66																		3.00
	7	6 6	6.6	36	6.6	6 6			 							 								5.00
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Kentia Forsteriana. This splendid variety is very similar to K. Belmoreana, but of stronger growth, with broader, heavier foliage.

						,												EACH.
3-	inch	pots,	12	inches	high	ì,												\$ .25
				6.6														
6	66	4 6	24	6.6	66							 						1.50
6	44	66	30	6.6	66		÷											2.50
8	66	6 €	42	66	66						 		_	_				5.00
10	66	tubs,	60	6.6	t c				-			~			-			10.00

Areca Lutescens. One of the most graceful and beautiful Palms in cultivation; the foliage is of a bright, glossy green, with rich golden-yellow stems. 3-in pots, bushy plants, 12 to 15 inches high....\$ .25 each. 15 to 18 " " .... .50 " 4 1.506.6 66 24 to 30 66 6 66 36 Areca Verschaffelti. A splendid Palm, with finely-divided pinnæ of deep green color with yellowish midrib. 3 in. pots, 12 inches high, 50 cts. each. 4-inch pots, 15 inches high, 75 cts. each.

Arenga Saccharifera. 3-inch pots, 35 cts. each, Bactris Major. A rare and unique Palm; the leaves are of rich dark green; both upper and reverse sides are armed with long dark spines. 3-inch pots, 15 inches high, 75 cts. each.

Caryota Mitis. 5-inch pots, 2 feet high, \$1.00 each.

Caryota Sobolifera. A strong growing broad-leaved species of the so-called Fish-tail Palm; an interesting plant. 4-inch pots, 15 inches high, 50 cts. each.

Caryota Urens (Fish Tail-Palm). An interesting species; with the ends of the leaves formed somewhat like the dorsal fin of a fish. 3-inch pots, 8 inches high, 25 cts. each; 4-inch pots, 15 inches high, 50 cts. each.

Cocos Schizophylla. Interesting, strong-growing species, useful in Florida and California, where it can be planted out.

\$2.50 each.

Cocos Weddeliana. The most elegant and graceful of all Palms. Its slender, erect stem is freely furnished with its gracefully arching leaves, of a rich green color. The smaller sizes are admirable for fern dishes, while the larger sizes are beautiful subjects for home adornment.

Young plants in 3-inch pots, 25 cts. each.

Specimens in 5-inch pots, 18 to 24 inches high, \$1.50 each. Large specimens in 7-inch pots, 24 to 30 inches high, \$3.00 each; in 8-inch pots, 30 to 36 inches high, \$5.00 each.



COCOS WEDDELIANA

### PALMS (Continued).

Kentia Forsteriana (Made-up Plants). These are specimens made by planting several plants together; very useful decorative specimens.

7-	inch	tubs	36	inches	high	\$3	50	each
7	66	"	38	66	66	4	00	66
8	44		$\dots 42$	6.6	6.6	6	00	4.4
		"				7		
8	6 4	· · · · · · · · · · · · · · · · · · ·	4	feet	66		00	66
9	46	"	$4\frac{1}{2}$	4.6	4 4		50	6 6
10	66	"	5	6 6	6 6		00	66
12	66	"	$5\frac{1}{2}$	66	66	20	00	66
14	66	"	6	4.4	6.6		00	4.6

Kentia MacArthuri. 3-inch pots 12 inches high, 25 cts. each.

Kentia Sanderiana. A new and rare Palm of elegant and graceful habit, with narrow pinnæ in gracefully arching leaves of bright green. 5-inch pots, 24 inches high, \$1.50 each; 6inch pots, 30 inches high, \$2.50 each.

Kentia Wendlandiana. A very strong-growing species, with large, heavy foliage, the ends of the pinnæ cut like the Fishtail Palm; quite rare. 3-inch pots, 25 cts. each.

Latania Borbonica (Chinese Fan Palm). This is the popular fan-leaved variety.

3-inch	pots,	4	to	5 lea	ves,	12	inches	high.	٠.		 		\$ 50	25	eac	:h
4	4.6	5	to	6	66	15	"	6 6			 	٠.		50	6	6
6	4 6			6	"	20	66	66			 		1	00	4	é

Licuala Grandis. A limited stock of this rare warm house Palm. Thrifty plants in 3-inch pots, \$1.50 each.

Livistona Rotundifolia. Aminiature fan-leaved Palm, which, in a finished specimen, makes almost a globular plant. Thrifty young plants in 3-inch pots, 25 cts. each; 4 inch pots, 50 cts. each.

Martinezia Caryotæfolia. One of the most desirable hothouse Palms, with pinnate foliage of a dark green color; the stems are thickly set with long black spines. Fine young plants in 3-inch pots, 50 cts. each; 5-inch pots, \$1.00 each; 7-inch pots, \$2.50 each.



PHENIX ROBBELENI



MADE-UP PLANT OF KENTIA FORSTERIANA

Phœnix Roebeleni. The most graceful of the Phœnix, and a Palm which has become one of the most popular for room decoration. The plant is of vigorous growth, and its gracefully recurving leaves, with very narrow dark green pinnæ. give it a lightness and airiness not surpassed, if equalled, by Cocos Weddeliana; at the same time it is as hardy as a Kentia, succeeding admirably as a house plant.

3-inch pots, 6 to 8 in. high, nicely characterized ... \$0 35 each 12 " 6.6 " .... 75 " 66 66 . 66 .... 1 50 " Specimens in 6-in. pots,  $1\frac{1}{2}$  ft. high, 2 ft. spread.. 2 50 " 8 "tubs, 2 " "  $2\frac{1}{2}$  " " .4 00 " 10 " "  $2\frac{1}{2}$ " " 3 " " ... 7 50 "

Phœnix Zeylanica. A pretty, compact growing form of the Date Palm; it might be termed a miniature Phœnix reclinata. 6-inch pots, \$1.50 each.

Pinango Decora. 4-inch pots, \$1.50 each; 6-inch pots, \$2.50 each; 8-inch pots, \$5.00 each.

Pinango Patula. A beautiful dwarf species with olive-green foliage, a very distinct and desirable Palm for the conservatory. 3-inch pots, 75 cts. each; 5-inch pots, \$2.00 each.

Ptychosperma Alexandræ. 3-inch pots, 25 cts. each.

Ptychosperma Singaporensis. A rare graceful collection Palm. 3-inch pots, 15 inches high, 50 cts. each.

Seaforthia Elegans. 3-inch pots, 25 cts. each.

Stevensonia Grandifolia. It is only at rare intervals that we are able to offer this interesting and beautiful stove Palm. Fine young plants in 3-inch pots, 50 cts. each; 4-inch pots, \$1.00 each; 6-inch pots, \$2.50 each.

Thrinax Morrisi. 4-inch pots, \$1.50 each.

Thrinax Parviflora. 4-inch pots, 50 cts. each.

Verschaffeltia Splendida. A showy species, where it can be given a high, moist atmosphere; large, bright green foliage, deeply cut at the ends; very spiny, especially in the young state. 4-inch pots, \$1.50 each; 5-inch pots, \$3.00 each.

### DREER'S SUPERB DOUBLE. FRINGED PETUNIAS.

For many years we have made a specialty of Double Petunias. and the strain which we have developed is the standard for excellence. We offer twelve of the very finest varieties selected from thousands of plants which we grew the past season.

Achille. Bright purplish-crimson, mottled with white.

Admiration. Reddish-violet variegated white.

Delicata. White suffused lilac with deeper veins.

Elegans. Bright rosy-pink, mottled white.

Jubilee. Reddish-purple, blotched and variegated white.

Mariana. Rosy-purple, deeply frilled.

Marvel. White with delicate lilac suffusion and purple veins.

Murillo. Mauve-pink, more or less marked white.

Snowball. Finely fringed white.

Splendor. Mauve-pink, freely marked and mottled white.

Superbus. Tyrian-rose, edged white, deeply frilled.

Undine. Brilliant self-colored reddish-purple.

Price, 15 cts. each; \$1.50 per doz. Set of 12 sorts, \$1.50. Single Large-flowering Fringed Petunias. Mixed seedlings (ready end of April), 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

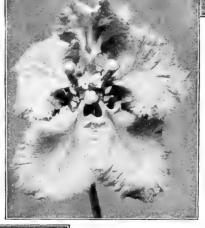
### SEED OF FRINGED PETUNIAS.

We annually save a quantity of both the Double and Single-flowering sorts, see offer on page 102.

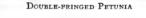
### PHILODENDRON, or MONSTERA.

Spectabile. An interesting hot-house plant with large heart-shaped dark green leaves with light veins. \$1.00 and \$1.50 each.

Giganteum. Of strong climbing habit, with large deep green foliage; a splendid wall plant for a warm conservatory. \$1.00 each.



STIGMAPHYLLON CILIATUM (Offered on opposite page)



### PHYLLOCACTUS.

Beautiful flowering plants closely allied to the Cacti, with thornless leaf-like stems. The flowers, which often measure 8 inches in diameter, are long, somewhat trumpetshaped, consisting of several rows of petals, which in color range from pure waxy white to deep crimson, and are freely produced on well-ripened stems in Spring. are of easy culture, should be confined to small pots and sparingly watered.

Adonis. Delicate rose with lilac sheen. Agathe. Brilliant red, centre overlaid purple.

Aida. Fawn, shaded terra cotta.

Argus. Rose, centre dark, glistening copper and chamois.

Cooperi. Pure white. Erebus. Dark cinnabar carmine, centre. lilac

Gloria. Bright orange red. Latona. Outer petals brownish-red, centre lilac. Magenta. Pure magenta.

Pfau. Chamois, centre bluish-violet.

Rose Perfection. Brilliant rose and carmine.

Rosetta. Deep carmine of unusual form.

Price. 25 cts. each. Set of 12 varieties, \$2.50.

### PHYLLOTÆNIUM.

Lindeni. A handsome hot-house plant of easy culture, with attractive light green hastate leaves, the broad rib and veins creamy-white. \$1.00 each.

Lindeni Magnificum. A variety with much larger leaves and with the variegation more decided in color. \$1.00 each.

### PLUMBAGO.

Capensis. Light lavender-blue.

— Alba. Color creamy-white.

Coccinea Superba. Long racemes of showy, brilliant, bright satinycarmine flowers.

15 cts. each; \$1.50 per doz.

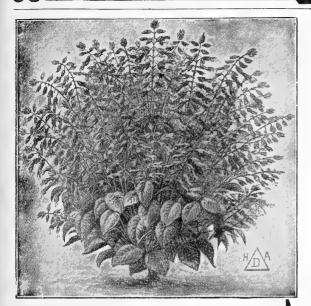
### POTHOS ARGYRÆA.

A pretty hothouse climber with deep green foliage, nicely variegated with silvery-white. 25 cts. each.



PLUMBAGO CAPENSIS





SALVIA, OR SCARLET SAGE, BONFIRE

#### PUNICA (Pomegranate).

Granatum Legrelli. A splendid shrub, hardy as far north as Washington. A grand subject for the lawn, producing its large, showy double orange-scarlet flowers the entire summer. It is best grown as a tub plant and is easily wintered dormant in a cool cellar. Strong plants, 50 cts. each.

#### RICINUS (Castor Oil Plant).

Handsome tropical-looking plants for centres of large beds, etc. Green and bronze-leaved sorts, ready in May and June. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

#### SALVIA SPLENDENS, "BONFIRE".

This is one of the finest of the Scarlet Sages, growing in a compact bush 2 feet high. Its erect spikes of brilliant scarlet flowers stand clear above the dark green foliage and completely cover the plant. One of the most effective and gorgeous hedding plants in cultivation. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

#### SANSEVIERIA SANSEVIERIA. ZEYLANICA LAURENTI

Zevlanica. An elegant variegated plant, especially adapted for house decoration, the thick, leathery leaves standing the heat and dust of the house with impunity. 15 cts. each; \$1.50 per doz.

Zeylanica Laurenti. This variety, in addition to the variegation shown in the ordinary sort described above, has a band of creamy-yellow varying from \( \frac{1}{4} \) to \( \frac{1}{2} \) inch or more in width on each edge of the leaves, which adds greatly to its decorative effect. A limited stock of good young plants, \$1.00 each.

#### SENECIO SCANDENS (Parlor, or German lvy).

This well-known tender climber is indispensable as a vase, basket or window-box plant in the summer, and the best vine for the windowgarden at all seasons. 10 cts. each; \$1.00 per doz.

#### SMILAX.

Too well known to require any description. One of the most valuable plants for bouquets, wreaths, festoons and decorations. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

#### STEPHANOTIS.

Floribunda. One of the most charming hothouse climbers, growing rapidly, with long, glossy, deep green foliage, and producing clusters of pure white, deliciously fragrant flowers. \$1.00 each.

#### STIGMAPHYLLON CILIATUM.

(Brazilian Golden, or Orchid Vine.)

One of the prettiest tender climbers in cultivation, with large vellow, orchid-like flowers, produced very freely during the summer months. It is especially adapted for training over the pillars or on the wall of a conservatory, but will do equally well in the open air in summer. 25 cts. each; \$2.50 per doz.

#### SWAINSONA.

Galegifolia Alba. A most desirable everblooming plant, with pure white Sweet Pea-like flowers, produced in sprays. Its easy culture, freedom of bloom, and the grace and beauty of the flower and plant, make it popular. 15 cts. each; \$1.50 per doz.

#### THUNBERGIA.

Harrisi. A splendid winter-flowering greenhouse climber, with showy light blue flowers with creamy-white throat. 35 cts, each; \$3.50 per doz.

#### TIGRIDIA.

(Tiger, or Shell Flower.)

These gorgeous summer-flowering bulbs look well associated with Gladioli, Lilies and kindred stock; grow about 12 feet high, and

flower freely throughout the summer. They require the same treatment as Gladioli, and should be lifted in autumn and dried off in the same way. (See cut.)

Aurea. Rich golden-yellow.

Conchiflora. Golden-yellow, spotted crimson.

Grandiflora alba. Ivory-white, yellow centre, spotted with crimson.

Pavonia Grandiflora. Bright crimson, centre spotted with yellow.

Rose-pink with yellow variegated centre.

5 cts. each; 40 cts. per doz.; \$3.00 per 100.







Major Variegata (Variegated Periwinkle). One of the very best plants for vases and for trailing over the edges of window boxes, etc. Leaves glossy green, broadly margined creamy-white; blue flowers. Strong plants in 4-inch pots, 20 cts. each; \$2.00 per doz.

#### VIOLETS.

Lady Hume Campbell. Fine double blue.

Swanley White. Double pure white.

Princess of Wales. A large-flowering single variety, of rich but soft violet blue; much easier to grow than the double sorts, and amateurs would do well to confine themselves to this variety.

Good young plants, 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

#### ZEPHYRANTHES.

(Zephyr Flower, or Fairy Lilies.)

Beautiful dwarf, bulbous plant, very effective for masses or borders, flowering with great profusion during the summer. They are also suitable for pot culture. 6 bulbs clustered in a 5-inch pot in the autumn will give a fine display during the winter; 8 inches high.

Alba. Pure white. 6 cts. each: 60 cts. per doz.; \$4.00 per 100.

Rosea. Large rose-colored. 8 cts. each; 75 cts. per doz.; \$6.00 per 100.



(Youth and Old Age.)

#### Improved Large-flowering Dwarf.

A fine strain of this popular summerflowering annual, growing about 2 feet high, with large flowers in a great variety of colors. Mixed colors, ready in May and June.

50 cts. per doz.; \$4.00 per 100.



DOUBLE PEARL TUBEROSE

#### DOUBLE PEARL TUBEROSES.

One of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skilful management a succession of flowers may be obtained all

the year round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border plant about the middle of May, or as soon as the ground becomes warm. Strong flowering bulbs, 3 for 10 cts.; 25 cts. per doz.; \$1.50 per 100.



A valuable free-flowering summer and autumn-blooming Amaryllis; color rich red. It is one of the really good window plants. Full cultural directions are given in our new book, "Dreer's Hints on the Growing of Bulbs," price 50 cts., or free to customers who ask for it when ordering. 25 cts. each; \$2.50 per doz.

#### VERBENAS.

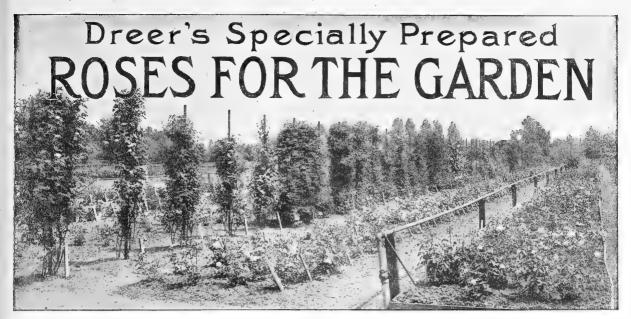
Dreer's Mammoth. We have a nice collection of 12 sorts in all the best colors. 10 cts. each; 75 cts. per doz.; \$5.00 per 100.

Lemon (Aloysia citriodora). Every garden should have a few plants of this fragrant favorite. Its pale green foliage goes well with any flower. 10 cts. each; \$1.00 per doz.



DRRRR'S MAMMOTH VERBENAS

VINCA MAJOR VARIEGATA



PARTIAL VIEW OF ROSE TRIAL BEDS AT OUR NURSERY, RIVERTON, N. J.

While our old customers are familiar with the grade of Roses which we send out, we wish to direct the attention of those who have never planted our stock to the manner in which these plants are prepared. The bulk of our Roses are field-grown plants, having been cultivated in fields during the growing season of 1915. In fall they were carefully dug, planted in pots and stored in cold greenhouses or cold frames, where artificial heat is only used to exclude severe frost. Under this treatment the plants develop in the most natural way, and are much superior to stock which has been forced in a high temperature into an unnatural and weakened growth, and to the comparatively worthless Roses which are sold so cheaply in a dormant condition. Our Roses, with few exceptions, are either home-grown or grown for us in Europe by specialists who have made a life-study of the Rose, a very large percentage of the Hybrid Teas and Hybrid Perpetuals having been received from the famous nurseries of Messrs. Dickson & Sons, Belfast, Ireland. With few exceptions, our Roses are budded or grafted, and while some planters prefer stock grown on their own roots on account of the liability of budded plants to throw up suckers, this will rarely occur if the deep planting as directed below is followed, and if a wild shoot should appear it is readily distinguished by its seven small leaves instead of the usual five, and should be removed close to the root. Much can be said in favor of budded plants, being more vigorous, producing finer blooms, come into bearing sooner, and are equally as permanent and hardy as those on their own roots, and many of the choicest sorts do not succeed unless budded or grafted.

#### HOW TO GROW ROSES.

**SITUATION.**—Good Roses may be grown in any open, sunny position, if possible sheltered from north winds, and clear of all roots of trees and shrubs.

PREPARATION OF THE BEDS.—Roses will grow and give good returns in any fertile, well-drained ground; but it is worth while to use some care in the preparation of the beds, as the general health of the plants, quantity and quality of bloom usually more than repays the extra care expended on this detail. The best soil for Roses is sod from an old pasture and well-rotted cow manure. Dig out the bed to a depth of two feet or more, and, if drainage is imperfect, it must be provided for. Fill in with a mixture of soil and manure as above. It is best to make the beds some time in advance of planting, to allow time for settling. After the soil is settled, it should be about an inch below the level of the adjacent surface; make the beds not over  $3\frac{1}{2}$  to 5 feet wide, which enables you to pick the blooms without stepping on the bed.

PLANTING AND SUMMER CARE.—The ideal time to plant is in the spring, just after danger from frost is past,

Tea and Hybrid Tea varieties can be set 18 inches apart, Hybrid Perpetuals two feet apart, and both eight inches from the edge of the beds. When the plants are supplied in pots, they should be set so that the ball of earth is about two and one half inches below the level of the ground. Firm the soil well around the plants, and give a thorough watering if the soil is dry. Throughout the summer the surface of the soil should be cultivated weekly. If this is done, watering will be rarely necessary.

**PRUNING.**—The Roses sent out by us in Spring require no further pruning; they are ready to plant as received. For instructions how to prune during succeeding seasons, see the directions given under the headings of the different classes in the pages following.

WINTER PROTECTION.—In this latitude we have found that the most satisfactory protection is to draw up a mound of soil from 8 to 10 inches high around the base of the plants, then covering the entire beds after the ground begins to freeze with any loose material, such as strawy manure, evergreen bough, or corn stalks, and in more severe climates heavier covering is all that is required.

ENEMIES .- When grown under favorable conditions, Roses are not so apt to be attacked by insect pests or othes troubles as they are if half starved and otherwise neglected. Our own experience shows that a weekly application of Bordeaux Arsenate of Lead Mixture, at the rate of eight ounces to five gallons of water, applied with a whisk broom, or any sprayer that will reach the under side of the foliage, beginning at the time that the plants have developed into active growth, and continued throughout the season, will keep them free of almost all insect pests, as well as fungous diseases, but if in spite of this spraying, mildew should affect the foliage, use Sulphide of Potassium at the rate of one-half ounce to one gallon of water. This is somctimes effective where the Bordeaux Mixture fails. It may be necessary to supplement this treatment with several applications of any tobacco solution, or tobacco dust, for green-fly or aphis, which may appear during the growing season.

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### "THE DREER DOZEN"

## Hardy Everblooming Hybrid-Tea Roses.

For many years it has been customary for us to offer under this heading only the very best and most popular, well-tried varieties of Hybrid-Tea Roses, with the majority of which every lover of the Rose is familiar.

We recommend this collection for general planting to the amateur who wishes a limited number of varieties, and who is desirous of a supply of extra choice flowers to cut throughout the summer and fall months. Those who desire a more extensive collection should include Dreer's "Peerless" Twelve, offered on page 175, which we can recommend just as strongly; in fact, in our entire collection of Hybrid-Tea Roses offered on pages 174 to 184 there is not one individual sort which we cannot endorse as possessing superior merit, and with the exception of a very few of the 1916 novelties, which come to us from noted reliable specialists, all have been thoroughly tested in our own trial grounds.

#### Caroline Testout.

One of the most popular and valuable bedding varieties; large, full, globular flowers of bright satiny-rose, with brighter centre; very free and fragrant.

#### General MacArthur.

As an all-round garden Rose, there is no variety of its color—a rich crimson-scarlet—which will give equal satisfaction; a clean, healthy, vigorous grower, producing its sweetly-scented flowers of good form in great profusion even under the most unfavorable weather conditions.

Lady Alice Stanley.

A gem that everyone admires; it is absolutely perfect in every way; form, color, size, freedom of bloom and fragrance, are all fully developed; in color it is a beautiful shade of coral-rose, the inside of the petals shading to flesh-pink with deeper flushes. (Shown in colors on the plate opposite.)

#### Laurent Carle.

Produces its large, deliciously-scented, brilliant carmine flowers throughout the season, nearly as good in hot, dry weather as under more favorable weather conditions. A vigorous grower and as hardy as a Hybrid Perpetual.

#### Jonkheer J. L. Mock.

Although introduced only a few years ago, this beautiful Rose has quickly found its place among our best bedding varieties. The flowers, which are produced with the greatest freedom on long, stiff stems, are of large size and of perfect form, of a deep imperial-pink, the outside of the petals silvery-rose white; highly perfumed

#### Kaiserin Augusta Victoria.

This splendid Rose should be in every collection. In color it is a soft pearly-white, tinted with just enough lemon in the centre to relieve the white; remarkably fragrant, beautifully formed flowers on long, graceful stems; a stro

long, graceful stems; a strong, free, healthy grower, with bold, handsome foliage.

#### Killarney.

This is, perhaps, the best known of Dickson's famous Irish Hybrid-Tea Roses, and is one of the most popular of our garden Roses. It is perfectly hardy; in growth it

is strong and robust, and as free-flowering as any Rose we know. In color it is a sparkling brilliant pink; the blooms are large, the buds long and pointed, the petals very large and of great substance, and just as handsome in the full-blown flower as in the bud form. (See cut.)

#### Lady Ashtown.

One of the freest-flowering varieties in the collection, and produces perfect blooms under all weather conditions. The flowers are large, double, with high-pointed centre, and are produced on long stems; splendid for cutting; in color a soft rose, shading to yellow at the base of the petals.

#### Mme. Leon Pain.

Entirely distinct in color, a silverysalmon, with deeper orange-yellow, shaded centre, the reverse of the petals being a salmony-pink; flowers large, full and well formed; very free-flowering, and one of the best Roses yet introduced.

#### Mme. Ravary.

Should be in every collection on account of its distinct color, which is of a rich, deep nankeen-yellow, becoming lighter as the flower expands. The flowers are of splendid form, full, double and very fragrant.

#### Mrs. Aaron Ward.

A remarkably floriferous variety of strong, vigorous, but compact growth; the young foliage is unusually attractive, a rich, bronzygreen color, the flowers of which are of splendid form, full double, are equally attractive when full blown as in the bud state; in

color a distinct Indian-yellow, shading lighter towards the edges; in fact, under certain weather or atmospheric conditions, the entire flower will sometimes come a yellow-tinted white, but it is beautiful under all color variations. (Shown in colors on the plate opposite.)

HYBRID-TEA ROSE KILLARNEY

#### Ophelia.

The most recent addition to this set, an introduction of 1913, but a variety which has made such a record for itself in this short time that qualifies it to be classed with the very best, a Rose that is admired by everyone, its flowers are held erect on long stiff stems, are of perfect form, large size, and of a most pleasing delicate shade of salmon-flesh, shaded with Rose; very floriferous. (Shown in colors on the plate opposite.)

Price: Any of the above in strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$40.00 per 100. One strong two-year-old plant each of the "DREER DOZEN," a fine collection, for \$5.00.

Ophelia

Alice Stan

RS ve Best Collection of To

HYBRID TEAROSES

George Dickson Kiliney Brilliant THREE OF DREER'S

peerless Collection HYBRID-TEA ROSES Mine Edouard Herriot (The Daily Mail Rose)

## DREER'S "PEERLESS" COLLECTION OF TWELVE HYBRID-TEA ROSES

This collection of Hybrid-Tea Roses is made up principally of varieties of comparatively recent introduction, in fact two years ago some of these sorts were high-priced novelties. All of them, however, have been thoroughly tested out in our own trial grounds, and are sorts which we can recommend as worthy companions to, but entirely distinct from, the popular "Dreer Dozen" offered on page 174, and they are especially recommended to such of our friends who have already planted that collection.

#### Chauteau De Clos Vougeot.

(Pernet-Ducher, 1908.)

An ideal Rose, of a dazzling color, being a rich scarlet, shaded fiery red, changing to dark velvety crimson as the flowers expand, not unlike in color the popular Prince Camille de Rohan. Nothing in our trial beds equals this variety for richness of color; although it is only a moderate grower it is in bloom continuously throughout the season. 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

#### **Duchess of Wellington.**

(Dickson & Sons, 1909.)

Intense saffron-yellow stained with deep crimson, changing to a deep coppery saffron-yellow as the flowers develop. The flowers are fairly full, with large petals of great substance de-lightfully fragrant and very free-flowering. 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

#### George Dickson.

(Dickson & Sons, 1913.)

We give below Messrs. Dickson's own description of this beautiful Rose, all of which we can endorse from results seen in our own trial grounds. The only fault we can find is that it has not, with us, the perpetual flowering habit expected in a hybridtea Rose; but when one realizes the brilliant gorgeous display of deliciously fragrant flowers which it furnishes during June, equalled by no other high-colored variety, this one point can be overlooked: "Its vigorous growth, its thick leathery beechgreen cordate foliage, bespeak rare constitution; it produces huge blooms quite five inches across. It never blues, browns or seals, and its huge leathery shell-shaped petals have wonderful lasting qualities, and are symmetrically arranged in the much-to-be-desired globular type. The color is velvety black scarlet crimson with brilliant scarlet reflexed tips, with heavy and uniquely pure crimson-maroon veining on the reverse. The blooms open naturally." Awarded Gold Medal, National Rose Society of England. (Illustrated on plate opposite.) 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

#### Killarney Brilliant.

(Dickson & Sons, 1914.)

Probably no Rose ever introduced gained public favor so quickly as the original Killarney, and which to-day, after being on the market for over 17 years, is still the most popular Rose grown. We sell more of it than any other one variety. Killarney Brilliant is a sport from the original in which we have a Rose far more intense and rich in coloring, it being almost a crimson of a rich glowing shade, and in addition to its rich color it is also larger and more double than its parent. A truly magnificent Rose which we can endorse in every way. (Illustrated on plate opposite.) 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

#### Lady Mary Ward.

(McGredy, 1913.)

Rich orange, shaded deeper apricot-orange with a decided metallic veneering, very brilliant and attractive and entirely dis-A color that will appeal to all, a strong grower, very free and sweetly perfumed. Awarded Gold Medal National Rose Society of England. 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

#### Louise Catherine Breslau.

(Pernet-Ducher, 1912.)

Entirely distinct from all other Roses in color, the buds are coral-red shaded with chrome yellow, while the expanded flowers which are very large, full and globular with large heavy petals of great depth are of a superb shrimp-pink shaded copperyorange and chrome yellow. 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

#### Marquise de Sinety.

(Pernet-Ducher, 1906.)

Every one who has seen this beautiful Rose is enthusiastic over it. The buds are of a rich yellow-ochre, suffused with carmine; the expanded flower, which is of good size, is semi-double, of a rich golden yellow or Roman ochre, shaded with bright rosy-red, delightfully fragrant. 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

### Mme. Edouard Herriot. The Daily Mail Rose

(Pernet-Ducher, 1914.)

Winner of the Gold Cup, which was offered by the London Daily Mail for the BEST NEW ROSE, exhibited at the International Horticultural Exhibition, held in London, England, May, 1912, also awarded Gold Medal by the National Rose Society of England, 1913.

The plant is a strong, vigorous grower, of spreading, branching habit, with numerous long thorns and bronzy-green foliage, M. Pernet-Ducher describes its color as follows: "Buds coralred, shaded with yellow at the base, the open flowers of medium size, semi-double, are of a superb coral-red, shaded with yellow and bright rosy-scarlet passing to shrimp-red." One of our American correspondents, a friend of the introducer, says: "A Wonderful Rose. The bud is long, slender and pointed, the color is like sunshine on a copper-red metal. (Illustrated on plate opposite.) 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

#### Mme. Jenny Gillemot.

(Pernet-Ducher, 1905.)

One of the most beautiful Roses in our collection, especially in bud or semi-expanded form, the petals being heavy, shell-like and of unusual length; in color a soft delicate shade of nankeenyellow suffused with carmine, a most pleasing color combination. 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

#### Miss Cynthia Forde.

(Hugh Dickson, 1909.)

Flowers of great substance, color a deep brilliant rose shading on the back of the petals to a light rosy-pink. The flowers are large, full, of perfect form, very free and perpetual flowering and fragrant, one of the best. 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

#### **Molly Sharman Crawford**

(Dickson & Sons, 1908.)

While introduced as a Tea Rose we have in our trials found it quite as hardy as the Hybrid-Tea varieties, and we therefore include it in collection as the best white everblooming. The flowers on first opening are creamy-white, becoming purer as they expand; they are large, full, double and delightfully fragrant, and are produced very freely and last a long time in good condition. 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

#### Willowmere.

(Pernet-Ducher, 1914.)

This splendid introduction is of a coral-red color, suffused with carmine in the bud state, and opens to a large, full, handsome flower of a rich shrimp-pink, shaded yellow in the centre and flushed carmine-pink towards the edges of the petals. It may be described as an advance on the Lyon Rose, which it much resembles. 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

## HARDY EVERBLOOMING **HYBRID-TEA ROSES**

For Garden culture the Hybrid-Tea Roses have now taken the foremost rank. They have been produced by crossing the free-flowering Tea Roses with other varieties, principally of the June-flowering of Hybrid-Perpetual classes, thus combining not only the free-flowering habit of the Tea Rose with the rich and varied colors of the other classes, but also comparative hardiness,

The greatest efforts of the world's most noted Rose specialists during the past quarter of a century have been devoted to this class of Rose, and the results achieved have been really wonderful. Not only is every color known in Roses now represented, but there are many beautiful shades and color combinations not found in the other types.

At our Nurseries, Riverton, N. J., we have trial beds containing more than 500 varieties of Hybrid-Tea Roses alone, embracing all the standard varieties, as well as the latest introductions. An inspection of these is at all times interesting, and especially so during the height of the Rose season, usually from the middle of M ay until the beginning of July.

We list this season nearly one hundred varieties of Hybrid-Tea Roses. These, with the exception of a very few of the latest

introductions, are all varieties which we have found from actual test in the trials noted above to be sorts of superior merit and especially adapted to our climatic conditions each and every one a perfect gem in its particular color or form,

For best results Hybrid-Tea Roses should be severely pruned; the stronger shoots should be cut back to from 8 to 12 inches in

height, while all weak, thin wood should be removed entirely.

## **NEW HYBRID-TEA ROSES**

OF 1914. 1915 and 1916

Every season the list of new Roses offered with glowing descriptions grows greater and greater. Necessarily, many of these novelties are either lacking in merit or do not suit our conditions, and with this in mind it has been our custom to select from these novelties only such that we know either from actual trial or from reliable information to be distinct and of superior merit; and while we occasionally miss a valuable variety by this careful selection, and in spite of it also occasionally include a sort which on better

We occasionally miss a valuable valuely by this calculation, and in spite of n also occasionally include a soft which on better acquaintance is found lacking, such instances, considering the host of novelties offered every season, are comparatively few.

While the beginner or amateur, who only wants a limited number of varieties, will find just as great pleasure in adding to his collection from the older and less expensive varieties offered on pages 174 and 175 and 181 to 184, we recommend these new sorts for trial to the connoisseur who already has an extensive collection, and to those who wish to keep strictly up-to-date.

All the Roses we offer are strong two-year-old plants.

#### Amalie de Greiff.

(P. Lambert, 1914.)

Large, well formed, double flowers, long buds on long stiff stems, of a brick red shading to salmon-red in the centre, distinct and free-flowering. 75 cts. each.

#### Brilliant.

(Hugh Dickson, 1915.)

The most intense scarlet, the brightest color yet achieved in Roses; the most brilliant bedding Rose in existance, of free branching upright growth; clean, handsome, mildew-proof foliage. Awarded Gold Medal National Rose Society of England. \$1.25 each.

#### Cheerful.

( McGredy & Son, 1916.)

Pure orange flame, the flame shading overspreading the petal, giving it a wonderful and pleasing effect which is retained as the flower ages, large, full and of fine form, flowers freely and continuously throughout the season. \$2.50 each.

#### Colleen.

(McGredy, 1915.)

Brilliant rose, shaded rose-pink with deeper, rosecrimson veneering on a distinct creamy-yellow ground, never fading until the petals drop. It is quite full with high pointed centre, forming a remarkably sweet-scented flower. Awarded Gold Medal National Rose Society of England. \$1.25 each.

#### Countess Clanwilliam.

(Hugh Dickson, 1915.)

Long pointed buds opening to large, full, high-centered flowers of great beauty. Color delicate peach-pink at the base of the petals, which are flamed and heavily edged with deep cherry red, a beautiful contrast which brings out the strong individuality of this charming Rose. Awarded Gold Medal National Rose Society of England. \$1.25 each.



NEW HYBRID-TEA ROSE, AMALIE DE GREIFE



NEW HYBRID-TEA ROSE DUCHESS OF NORMANDY

#### G. Amedee Hammond.

(Dickson & Sons, 1916.)

Color cadmium or deep apricot, shading off to fawn or delicate buff, flowers large, perfectly formed, opening well in all weathers, very floriferous and fragrant and carried on erect stems, the introducers are particularly pleased in offering this variety which they consider a great acquisition. Awarded Gold Medal National Rose Society of England. \$2.50 each.

#### Gorgeous.

(Hugh Dickson, 1916.)

Flowers large, full and exquisitely formed of a deep orange yellow, flushed copper-yellow and heavily veined with reddish copper, a most striking and novel color, it is of strong, vigorous habit. Awarded Gold Medal National Rose Society of Lngland. \$2.50 each.

#### H. V. Machin.

(Dickson & Sons, 1915.)

Of gigantic size, and described by the introducers as the most magnificent exhibition variety they have yet introduced; in color an intensely black grained scarlet-crimson; carried on rigid, sturdy stems with ideal foliage. Awarded Gold Medal National Rose Society of England. \$1.25 each.

#### Imogen.

(Wm. Paul & Son, 1916.)

Centre of flowers orange-yellow shading to pale yellow and creamy white at the outside, beautiful long pointed buds opening to flowers of exquisite form, a splendid acquisition. \$2.50 each.

#### Iona Herdman.

(McGredy, 1915.)

A pure, clear orange-flame, surpassing in color the Pernetiana Rose, "Rayon d'Or," with true, hybrid-tea growth and character. Mr. McGredy considers it the most beautiful yellow decorative Rose in existence; free-flowering; of splendid form, and sweetly scented. Awarded Gold Medal National Rose Society of England. \$1.25 each.

## New Hybrid-Tea Roses

Continued

#### **Duchess of Normandy.**

(P. Le Cornu, 1914.)

A sport from the favorite and beautiful Rose Dean Hole with which it is identical except in color, which is of a delicate salmon-flesh overlaid with yellow; a soft and pleasing color. 75 cts. each.

#### Edgar M. Burnett.

(McGredy, 1915.)

Very large, full flowers of splendid form with large flesh-colored petals tinted rose; an advance on the type of Rose of which the beautiful Lady Alice Stanley is a representative; one of the sweetest scented Roses in existence, even surpassing "La France" in this respect. Awarded Gold Medal National Rose Society of England. \$1.25 each.

#### **Edith Part.**

(McGredy, 1914.)

A Rose with a novel and entirely distinct blend of color, which is a rich red with a suffusion of deep salmon and copperyyellow with a deeper shading in the bud stage of carmine and yellow; very sweetly scented. Awarded Silver Gilt Medal, National Rose Society of England. 75 cts. each.

#### Edward Bohane.

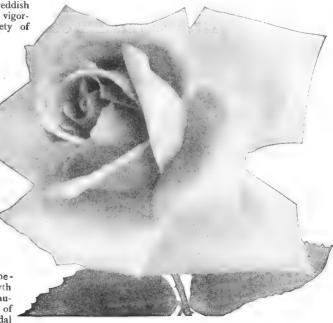
(Dickson & Sons, 1916.)

The brilliant velvety crimson-scarlet is sure to command attention for this beautiful large well-formed flower, which is freely borne on strong erect stems and which is delightfully fragrant. Awarded Gold Medal National Rose Society of England, and Award of Merit, Royal Horticultural Society of London. \$2.50 each.

#### Freifrau von der Goltz.

(Peter Lambert, 1914.)

Of strong erect habit with large double high centered flowers of a pleasing rosy salmon shading to a deeper colored centre, very fragrant. 75 cts. each.



NEW HYBRID-TEA ROSE FREIFRAU VON DER GOLTZ



## New Hybrid-Tea Roses

Continued

#### Margaret Dickson Hamill.

(Dickson & Sons, 1916.)

A magnificent Rose, its delicate straw-colored deep shell-like petals are flushed with carmine on the back. Its globular blooms are produced in great profusion on vigorous erect bronzed wood with bronzy-crimson leaf stalks bearing leathery bronzy green foliage, deliciously fragrant and a great acquisition. Awarded Gold Medal National Rose Society of England. \$2.50 each.

#### Mevrouw Dora Van Tets.

(Leenders, 1914.)

An introduction of the Holland Rose specialists, Leenders & Co., which in competition with introductions from Rose specialists from the entire Rose-growing world was awarded the Grand Prize, a Gold Medal, at the Baga-telle Gardens in Paris in 1914 for the best foreign Rose shown, also a Gold Medal by the Holland National Rose Society. In color, it is a glowing, deep crimson with velvety shad-

ings; the flowers are of medium size, moderately full; of robust, vigorous growth, and always in bloom. 75 cts. each; \$7.50 per doz.



(McGredy, 1915.)

Varying in color from a deep honey-yellow, with soft but glowing rosy suffusion to a soft saffron-yellow; of great size, the largest of its type. A magnificent, delightfully fragrant Rose, and remarkably free-flowering. Awarded Silver Gilt Medal National Rose ably free-flowering. Society of England. \$1.25 each.

#### Mrs. Archie Gray, (Hugh Dickson, 1915.)

Strong, upright growth, with large shiny handsome foliage, flowers large and exquisitely formed and borne in great profusion, buds long and pointed of a deep creamy-yellow opening to a clear light canary-yellow. Awarded Gold Medal National Rose Society of England. \$1.25 each.



NEW HYBRID-TEA ROSE MARCELLA

#### Irish Fireflame.

(Dickson & Sons, 1914.)

A glorious single-flowering variety, bearing its flowers in clusters of five or more; splendid for cutting in sprays in bud form. These buds are wonderfully rich in coloring, a rich deep orange, splashed with crimson, opening to a large single flower of a satiny old-gold shaded with ochre. Awarded Gold Medal National Rose Society of England. 75 cts. each.

#### Janet.

(Dickson & Sons, 1916.)

This is virtually a dwarf "Gloire de Dijon," with large globular cupped formation, not opening flat as does its lovely prototype. It is also deeper in color and more refined and exceptionally floriferous. \$2.50 each.

#### Josephine.

(Paul & Son, 1915.)

A vigorous growing variety with large, full, splendidly shaped flowers of a most pleasing rosy-flesh, the base of the petals being salmon-yellow. \$1.25

#### Majestic.

(Wm. Paul & Son, 1915.)

A splendid, fine carmine-rose with a long and full bud opening to a large double flower; it is of strong, erect habit; a fine bedding variety and a most desirable cut flower. Awarded Gold Medal National Rose Society and Certificate of Merit Royal Horticultural Society of England. \$1.25 each.

#### Marcella.

(William Paul & Son, 1914.)

Buds buff; the opening flower, which is of splendid full, double form, is of a pleasing salmon-flesh color; the habit of the plant is vigorous, free and continuous flowering; an exceptionally fine autumnal bloomer. of Merit Royal Horticultural Society of England.



NEW HYBRID-TEA ROSE MAJESTIC



New Hybrid-Tea Roses

(Continued.)

#### Mrs. Bertram J. Walker.

(Hugh Dickson, 1916.)

Flowers large, very full and of perfect symmetrical form, freely and abundantly produced throughout the season. Color a very distinct, clear bright cerise-pink of novel and distinct shade, a Rose of the highest merit, exceedingly attractive in color and habit of growth. Awarded Gold Medal National Rose Society of England. \$2.50 each.

#### Mrs. Franklin Dennison.

(McGredy & Son, 1916.)

This might be described as a yellow-shaded Mildred Grant, which it equals in size. The color, which is difficult to describe, is a porcelain white, veiled or suffused with primrose-yellow, deepening to ochre at the base. large flowers are of good form and great substance, and delightfully scented. \$2.50 each.

#### Mrs. Frederick W. Vanderbilt. (McGredy, 1914.)

Deep orange-red, shaded bronze-apricot-red, quite distinct from any other Rose in cultivation, a marvellously attractive variety in this novel coloring. The flower is perfect in shape, very fragrant, and is produced freely throughout the season. Awarded Silver Gilt Medal National Rose Society of England. 75 cts. each.

### Mrs. George Gordon.

(Hugh Dickson, 1916.)

Large beautifully formed flowers with high pointed centres, color bright rosy-pink, flushed silvery-pink towards the edges of the petals, which are zoned yellow at the base; habit, strong and vigorous, flowering very freely throughout the season. \$2.50 each.



New Hybrid-Tea Rose, Mrs. Ambrose Riccardo

#### Mrs. Hugh Dickson.

(Hugh Dickson, 1916.)

A typical Hybrid-Tea of delightful perfume, carrying its large handsome flowers in great profusion. These are of superb build, large, full and high centered. Color deep cream with a heavy suffusion of orange and apricot. Awarded Silver Gilt Medal National Rose Society of England. \$2.50 each.

#### Mrs. James Lynas.

(Hugh Dickson, 1915.)

Pearly pink at the base of the petals, flushed delicate rosy peach at the edges and on the reverse of the petals. The flowers are large, full and of splendid form. A most valuable garden Rose. Awarded Gold Medal National Rose Society of England. \$1.25 each.

#### Mrs. MacKellar.

(Dickson & Sons, 1916.)

In strong habit of growth and freedom of flowering this beautiful new Rose, which we have had the pleasure of becoming acquainted with in our trial grounds for the past three years, will compare favorably with such a strong growing variety as Caroline Testout. In color it is a distinct light lemon-yellow shading to almost creamy white in warm weather. It has large flowers with full high centers of splendid build. Award of Merit Royal Horticultural Society London. \$2.50 each.

#### Mrs. Maud Dawson.

(Dickson & Sons, 1916.)

An exquisite Rose of a brilliant orange-carmine, deeply pointed petals, flowers freely and continuously produced, delightly teascented. Awarded Silver Medal National Rose Society of England. \$2.50 each.

#### Mrs. R. D. McClure.

(Hugh Dickson, 1914.)

A splendid Rose with large full flowers, with large shell-like petals, very firm and smooth, slightly reflexed at the edges, color a brilliant glistening salmon-pink. A valuable free-flowering garden variety. Awarded Gold Medal National Rose Society of England. 75 cts. each.

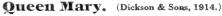


NEW HYBRID-TEA ROSE, MRS. MACKELLAR

## New Hybrid-Tea Roses—Continued

Primerose. (Soupert et Notting, 1914.)

A magnificent bedding Rose coming melon-yellow during the Spring and Summer, deeper in the autumn, with apricot shadings, a most distinct coloring, flowers large, of perfect form, long-pointed buds, deliciously scented and very free. 75 cts. each.



A vigorous-growing, free-flowering Rose of great beauty and refinement; flowers of medium size and fine form, color bright canary-yellow, crayoned at the edges with pure, deep carmine, a charming color combination and most delightful contrast, as the colors do not co-mingle. Silver Gilt Medal National Rose Society of England. 75 cts. each.

#### Queen of Fragrance.

(Wm. Paul & Son, 1916.)

Flowers large, double, and of elegant graceful shape and freely produced throughout the season; the color is a beautiful shell-pink, tipped with silver, bright and pleasing. An out-standing quality of this beautiful new Rose is its powerful and delicious fragrance, which won for it the Clay Challenge Cup (value \$375.00) at the Show of the Royal Horticultural Society of Englandin July, 1914, as well as a Certificate of Merit from the National Rose

Society. \$2.50 each.

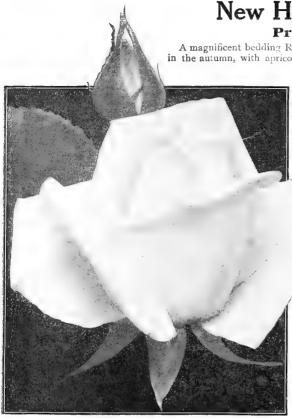


(Dickson & Sons, 1916.)

Delicate cream or buff-white, charmingly blushed carmine with large finely formed flowers with high-pointed centre carried on stiff erect stems. \$2.50 each.

#### William Cooper. (Hugh Dickson, 1915.)

Deep rich lake-red, a fine bold handsome flower produced in great profusion. One of the best garden Roses of recent introduction. Awarded Silver Gilt Medal National Rose Society of England. \$1.25 each.



NEW HYBRID-TEA ROSE PRIMEROSE

#### Mrs. Wemyss Quin.

(Dickson & Sons, 1915.)

Intense lemon-chrome, washed with delicate maddery-orange, shading to lemon-yellow as the flower expands, the guard petals are tinged crimson-orange; a most distinct and superb Rose. \$1.25 each.

#### Muriel Dickson.

(Hugh Dickson, 1916.)

Of strong free-branching habit, producing its flowers freely and perpetually with long-pointed buds of a deep reddish copper passing to cherryred with coppery shadings as the flowers expand; one of the most distinct. Awarded Gold Medal National Rose Society of England and Award of Merit Royal Horticultural Society of London. \$2.50 each.

#### National Emblem.

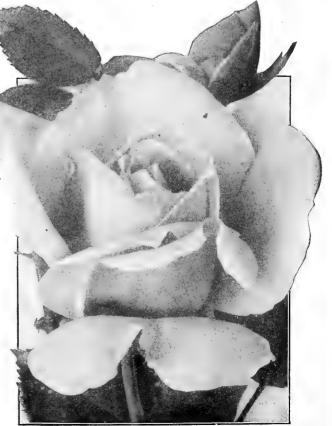
(McGredy & Son, 1916.)

Messrs. McGredy considers this as their greatest effort in their twenty years of hybridizing and believe it to be the most perfect of all Garden Roses. In color it is a dark crimson, overlaid velvety crimson, shading to vermilion at the edges; the buds are long and pointed, the flowers quite full, every one coming perfect, are produced with marvelous freedom right through the season. \$3.00 each.

#### Old Gold.

(McGredy, 1914,)

In bud form this Rose appeals to every one on account of its wonderful color, which is entirely distinct from and not found in any other Rose, a vivid orange-red, with coppery-red and apricot shadings, and which is further set off by the healthy, glossy, bronze-green foliage; delightfully fragrant; a vigorous grower and very free-flowering. Awarded Gold Medal National Rose Society of England. 75 cts. each.



NEW HYBRID-TEA ROSE QUEEN MARY





# DREER'S SELECT LIST OF HYBRID-TEA ROSES

Under this heading we offer on this and the following three pages the World's best introductions of Hybrid-Tea varieties prior to the year 1913, all of them sorts which we have had the pleasure of thoroughly testing in our own trial grounds, and which we can fully endorse and recommend to the large and small planter, and which, together with the Novelties of 1914, 1915 and 1916, which are offered on pages 176 to 180, and our "Peerless" and "Dreer" Collections of Special Sorts offered on pages 174 and 175, form what is undoubtedly the finest and most extensive collection of Hybrid=Tea Roses ever offered to the Rose loving American public.

Antoine Rivoire (Pernet Ducher, 1896). An ideal bedding Rose of large size, exquisite form and coloring, which is soft peach-flesh with deeper shadings; the base of the petals yellow.

Arthur R. Goodwin (Pernet Ducher, 1909). A beautifully rich-colored coppery-orange; "gold of ophir" a visitor to our trial grounds very correctly called it who saw it in one of its stages of development; as the flower matures it opens to a soft salmon-pink; a good, full flower, very free and distinct.

**Belle Siebrecht** (Dickson & Sons, 1895). A superb Rose of a brilliant pink color; the flowers are large, of good form; buds long and tapering.

Betty (Dickson & Sons, 1905). Early in the season this is a disappointment in the first flowers which it opens, but after it becomes established it produces blooms of marvelous beauty, particularly so in the autumn. The plant is a strong, vigorous grower, producing in great profusion its large deliciously-scented flowers, which are of a glowing coppery-rose color, suffused with a golden sheen.

C. W. Cowan (Dickson & Sons, 1912). A warm cherrycarmine, flowers large, full, imbricated form, a free and continuous bloomer, of delicious tea-rose perfume.

**Dean Hole** (Dickson & Sons (1904). Silvery carmine with salmon shadings; large, full and of fine form; a variety of great excellence.

Duchess of Sutherland (Dickson & Sons, 1912). A strikingly beautiful Rose of decided merit. The blooms are freely produced and are carried on rigid stems; they are large, full and conical, with a delightful sweet-brier perfume. The color is novel, a delicate, warm rose-pink, with lemon shading on the white base.

Duchess of Westminster (Dickson & Sons, 1911). A peerless Tea-like Rose, and one of the best in our trial grounds, with beautiful smooth and massive petals. The blooms are very large, full and perfectly formed, with high-pointed centre. Very sweetly perfumed. The color, which is very novel, is a dainty clear rose-madder. The growth is vigorous, erect and of very free-flowering habit. A gorgeous and absolutely distinct Rose.

Ecarlate (Boytard, 1907). Produces only medium-sized flowers, but is such a brilliant scarlet in color and such an incessant bloomer that we count it among the best bedding varieties.

Earl of Warwick (Paul & Son, 1904). A magnificent Rose and entirely distinct from all other varieties. The flowers are large and full, of beautiful form and come perfect throughout the season under all weather conditions. In color it is a soft salmon-pink, shaded in the centre with vermilion.

Price. Any of the above in strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$40.00 per 100.



#### List of Hybrid=Tea Roses—Continued Select

Edward Mawley (McGredy, 1911). A beautiful rich crimson, touched with maroon, with a delightful velvety gloss on the petals, which are large, forming a good-sized flower with high globular centre. The growth is strong and the flowers are borne in profusion. Awarded a Gold Medal by the National Rose Society.

Ellen Willmott (Bernaix, 1899). Pure white on the outer petals, with a fresh flesh-pink centre; a beautifully formed flower, full double and produced freely throughout the season, holding its quality during most unfavorable weather conditions.

Etoile de France (Pernet Ducher, 1905). Color vivid crimson with darker shadings, fine cupped form, very double and of large size.

Farbenkonigin, or Queen of Colors (Hinner, 1902). A very attractive and showy variety, the large, fragrant flowers being a most desirable imperial pink. One of the most popular Roses in Europe; an especial favorite with German Rosegrowers.

Florence Haswell Veitch (Paul & Son, 1911). An entirely distinct brilliant scarlet, with black shadings, large moderately double flowers, which are very fragrant; very

Florence Pemberton (Dickson & Sons, 1903). A splendid large creamy-white suffused with pink, perfect in form and always in flower.

General Superior Arnold Janssen (Leenders, 1912). A Holland introduction, which in our trial grounds has shown up most satisfactorily, its finely formed long buds are of an effective, deep, glowing carmine, and make a splendid longstemmed cut flower.

George C. Waud (Dickson & Sons, 1908). A beautiful variety, possessing an entirely distinct color among Roses-a glowing vermilion with orange-red suffusion. The flowers are large, full, of perfect form, and highly tea-scented. The plant is of vigorous growth and very free-flowering.

Grace Molyneux (Dickson & Sons, 1908). A chaste Rose of rare beauty; the habit of growth is perfection, every shoot producing a bloom. A veritable pearl for garden decoration. The color is a creamy-apricot, flesh in the centre, the outer petals when developed are a delicate creamy-white inside, with a faint pink sheen on the reverse. Delightfully teascented.

Grossherzog Friederich (Lambert, 1907). A highly perfumed carmine-rose pink, flower of medium size, but very floriferous; always in bloom.

Gruss an Teplitz (Geschwindt, 1898). This is a Rose for everybody, succeeding under the most ordinary conditions. In color it is of the richest scarlet, shading to a velvety-crimson; very fragrant, a free, strong grower and in bloom all the

Gustav Grunerwald (P. Lambert, 1903). Carmine-pink, large, full, of fine form, buds long and pointed; one of the

Joseph Hill (Pernet Ducher, 1904). A perfect gem and remarkably free-flowering; in color a lovely shade of salmonpink; the perfect flowers are large, full and double.

Konigin Carola (Turke, 1904). This variety frequently produces flowers seven inches across and perfect in form, both in bud and when fully expanded. In color a beautiful satinyrose, with the reverse of the petals silvery-rose; very floriferous and desirable in every way.

Lady Pirrie (Hugh Dickson, 1910). Deep copper reddishsalmon, inside of petals, apricot-yellow, flushed fawn and copper; an ideal variety.

Lady Ursula (Dickson & Sons, 1908). A truly magnificent Rose of vigorous, erect growth, possessing exceedingly freeblooming qualities. The foliage is large, massive and attractive. The flowers produced on every shoot, are very large, full and of great substance and perfect form, with high centre, from which the petals gracefully reflex; in color a delightful shade of flesh pink, distinct from all others; delicately teascented.

Price. Any of the above in strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$40.00 per 100.





#### List of Hybrid=Tea Roses-Continued Select

La France (Guillot, 1867). An old favorite, and a model garden Rose in every way; flowers clear satiny pink; large, very full and of perfect form.

La Tosca (Schwartz, 1901). Beautiful silvery pink, with deeper centre; a very vigorous grower, with large, double flowers and very free.

Lieutenant Chaure (Pernet Ducher, 1907). A splendid velvety crimson red; fine long bud with petals of cupped form; a vigorous grower and very free-flowering.

Lyon (Pernet Ducher, 1907). The long buds are tipped coral-red and chrome-yellow at the base. The flowers when expanded are large and full, with broad petals of superb color, being a coral red or salmon pink, shaded with chrome-yellow in the centre, toning to a shrimp-pink at the tips.

Mabel Drew (Dickson & Sons, 1911). A magnificent Rose, exquisitely shaped. with smooth, circular petals of great substance, arranged in perfect symmetry. The blooms are large and full. The color is deep cream, passing to canary-yellow in the centre as the bloom develops, with a delicious perfume and sturdy, vigorous growth. Awarded a Gold Medal National Rose Society of England.

May Kenyon Slaney (Dickson & Sons, 1910). A fine decorative Rose of a blush-pink color on a rich cream ground, the pink intensifying as the flower expands, very floriferous and highly tea scented.

Ime. Charles Lutaud (Pernet Ducher, 1913). A large, full, globular flower somewhat in the way of Marquise de Sinety, but with deeper colored flowers and a more vigorous habit of growth; buds ochre-yellow tinted with carmine; open flowers chrome-yellow, tinted with scarlet on the outer petals.

Mme. Edmond Rostand (Pernet Ducher, 1913). particularly well pleased with this beautiful Rose, which might be called an improvement on Prince de Bulgarie, being of more vigorous growth and warmer coloring; a pleasing soft delicate flesh shaded with salmon, and reddish orange-yellow centre, from which it varies considerably under various atmospheric conditions, but it is always beautiful; the flower is large, quite double and globular.

Mme. Jules Bouche (Croibier & Fils, 1911). Considered by many prominent authorities the best white bedding variety, while it is not pure white the centre being faintly tinted with pink it is a splendid large Rose, full double and of good form producing its flowers very freely on long stiff stems, fine for cutting, a strong vigorous grower.

Mme. Lucien Baltet (Pernet Ducher, 1911). Very large full globular flower of a rosy-flesh color shaded yellow, the edge of the petals suffused with carmine, very free-flowering.

Mme. Hector Leuillot (Pernet Ducher, 1904). Golden yellow-tinted carmine in the centre; a good large flower.

Mme. Jules Grolez (Guillot, 1897). A beautiful satiny china rose color, very bright and attractive flowers, very double, of fine form and remarkably free flowering; a distinct and pretty Rose, which should be planted extensively.

Mme. Melanie Soupert (Pernet Ducher, 1906). For delicate, soft coloring it is difficult to surpass this pretty semidouble variety which is particularly fine in bud form; color a charming salmon-yellow, suffused with pink and carmine.

Mme. Philippe Rivoire (Pernet Ducher, 1905). Very large flower, creamy white suffused with apricot, a most beautiful Rose, particularly so in the bud form.

Mme Segond Weber (Soupert & Notting, 1908). A grand Rose in every way. It is a vigorous grower, free-flowering, large, perfectly formed, cup-shaped, fragrant flowers of marvelous beauty. In color it is of that soft shade of salmon-pink which appeals to everyone.

Mrs. Charles Hunter (Wm. Paul & Son, 1913). A strong, vigorous grower with rosy-crimson flowers, changing to a pleasing rose as they fully expand; a very bold flower with large, handsome petals, produced on strong, upright stalks

Mrs. Edward Powel (P. Bernaix, 1911). A splendid vel-

vety crimson, of large size, moderately double, and a free, perpetual bloomer.

Mrs. Joseph H. Welch (McGredy, 1911). A very brilliant rose-pink, very large artistically arranged flower, with immense guard petals, delicately sweet scented.

Price. Any of the above in strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$40.00 per 100.



Select List of Hybrid=Tea Roses—Continued

Mrs. Arthur Robert Waddell (Pernet-Ducher, 1908). An attractively colored variety that meets with universal favor, a delicate, soft, rosy-salmon, suffused with a golden sheen; flowers of medium size, especially handsome in half expanded form; a free-flowering garden variety that should be in every

HYBRID-TEA ROSE SUNBURST

Mrs. Wakefield Christie=Miller (McGredy, 1909). As a pink bedding Rose there is none better and particularly so for massing, the flowers are distinct and novel in shape, the petals having wavy or crisped edges not unlike a Pæony. The flowers which are of large size, remain perfect on the bushes for a long time and are produced very freely, they are of a bright pink color with lighter shadings, the plant is vigorous and free and perpetual flowering.

Mrs. Walter Easlea (Dickson & Sons, 1910). A valuable crimson-carmine with the back of the petals satiny-crimson, large, full, imbricated form, and very sweet scented.

My Maryland (J. Cook, 1909). One of the finest American introductions. Very free-flowering, every shoot bearing one or more flowers, which are double, of perfect form, of a bright but tender salmon-pink, which lightens up beautifully as the flower expands; delightfully fragrant.

Nerissa (Wm. Paul & Son, 1912). A large perfect flower of a creamy-yellow shaded with white and peach-tinted center, a strong grower and free bloomer.

Pharisaer (Hinner, 1903). Exceptionally free-flowering, producing long buds, which open into large, double-flowers of a rosy-white, shading to a pretty soft salmon.

Prince de Bulgarie (Pernet-Ducher, 1902). Large, full, double flowers of splendid form, of a silvery flesh color, deepening to the centre, and delicately shaded with salmon-rose, a color combination that pleases everyone.

HYBRID-TEA ROSE WILLIAM SHEAN

Radiance (Cook, 1909). An ideal bedding variety of re-markably free flowering habit, of a brilliant carmine pink, with yellow shadings at the base of the petals.

Richmond (Hill, 1905). A well-known brilliant crimson-scarlet; not very double, but beautiful in bud form, and always in bloom.

Souvenir du President Carnot (Pernet-Ducher, 1895). A Rose that pleases everybody; fine in form, of large size and delicate in color; a soft rose shading to white.

Souvenir de Gustave Prat (Pernet-Ducher, 1910). An ideal variety, producing its fairly large, globular flowers of a pleasing sulphur yellow color very freely; the plant is of vigorous habit.

Sunburst (Pernet-Ducher, 1912). A superb Rose, of good vigorous habit; flowers large, of elongated cup form, especially handsome in bud form; color a rich cadmium yellow with orange-yellow centre.

Viscountess Folkstone (Bennett, 1886). One of the first Hybrid-Teas introduced, and still the best of its color, which is a creamy pink, shading deeper at the centre; large, full and very free.

White Killarney (Waban Rose Co., 1909). A pure white sport of the popular Killarney Rose, identical in every way with its parent, excepting in color; which is a pure white.

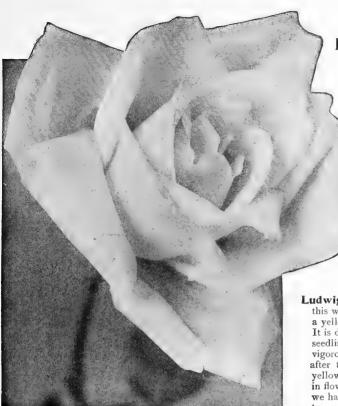
William Shean (Dickson & Sons, 1906). Pure pink in color, with shell-shaped petals of good substance, 4 inches long; a glorious Rose of immense size and perfect form and substance.

Price. Any of the above in strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

#### SPECIAL COLLECTIONS OF HYBRID-TEA ROSES.

One each of the 59 Select Varieties described on pages 181 to 184 for \$22.50. One each of the above 59 sorts and a collection of the "Dreer Dozen," offered on page 174, and a collection of the "Peerless Twelve," offered on page 175, eighty-three Roses in all, a splendid up-to-date collection of high-grade varieties for \$33.50.







# Three New HARDY HYBRID PERPETUAL

George Arends, or Pink Frau Karl Druschki.

This is a pink, or rather a tender rose-colored form of the popular white Rose, Frau Karl Druschki, possessing not only the noble form, large size and remarkable free-flowering habit of its parent, but in addition to this it is also highly perfumed. feel confident that this variety will be one of the most popular Roses of the future. Strong twoyear-old plants, 50 cts. each; \$5.00 per doz.

Gloire de Chedane Guinoisseau. We have always recommended the Rose, Ulrich Brunner, as such a standard of perfection that we hesitate to compare another variety to it, but this newcomer not only equals but surpasses in size of flower, form and in brilliancy of color, which is of a bright vermilion-red with velvety shadings; a splendid acquisition. Strong twoyear-old plants, 75 cts. each; \$7.50 per doz.

Ludwig Mæller, or Yellow Frau Karl Druschki. In this we are assured we have what has long been wished for, a yellow Rose of the same character as Frau Karl Druschki, It is described as a cross between Frau Karl Druschki and a seedling from Marechal Niel. In general character, strong vigorous habit of growth, freedom of flowering, etc., it takes after the former variety, but in color it is a pleasing light yellow. We have not had the opportunity to see this Rose in flower, but it comes to us from a most reliable source and we have, therefore, no hesitancy in recommending it. Strong two-year-old plants, \$1.00 each.

One each of the above 3 sorts for \$2.00.

## THE TWELVE "BEST" HARDY GARDEN ROSES

(HYBRID PERPETUALS)

The twelve varieties listed below are unquestionably the best dozen that can be selected in the Hybrid Perpetual class, which, before the development of the Hybrid-Teas, was the most popular type for garden planting, and even now they dare not be overlooked, but should be used extensively in conjunction with the other sorts, and especially so in localities where the hardiness of the Hybrid-Tea varieties has not been established. The collection here offered embraces as complete a range of colors as it is possible to bring together in such a number of plants, with freedom of flowering, perfect form, fragrance, hardiness and general excellence.

The plants offered are exceptionally heavy two=year=old stock, which will, under ordinary conditions, give a full crop of flowers this season; and while their main crop is produced in June, they frequently produce fine flowers throughout the summer and autumn. The cultural hints given on page 173 should assist the amateur in getting the largest measure of success from these plants.

In pruning Hybrid Perpetuals cut away all weak growth, and if quality of bloom is desired, cut back the strong canes to within 8 or 9 inches of the ground, but if quantity of bloom for garden effect is desired, leave these canes from 2 to 3 feet high, according to their strength.

Baron de Bonstetten. Velvety blackish crimson; very large, double, fragrant flowers; a strong grower.

Baroness Rothschild. A superb Rose, of pale, satiny-rose; very large.

Captain Christy. Delicate, flesh-tinted white; a large, full flower of good form; very free-flowering.

Frau Karl Druschki. This is the ideal hardy white Rose, pure in color, perfect in form; strong grower and remarkably free-flowering; superb in every way,

General Jacqueminot. Brilliant scarlet-crimson; an old favorite and one of the best known roses in cultivation; does well everywhere.

Gloire Lyonnaise. White, tinted with yellow; large, full and of good shape; very free, distinct and pleasing.

Magna Charta. Bright pink, suffused with carmine; a beautiful Rose, and a strong, vigorous grower; one of the best.

Mrs. R. G. Sharman Crawford. Deep rosy-pink, outer petals shaded with pale flesh; one of the freest bloomers and a beautiful Rose in every respect.

Mrs. John Laing. Soft pink, of beautiful form; exceedingly fragrant and remarkably free-flowering; always does well and stands very close to the top among fine Roses.

Paul Neyron. Dark rose, of enormous size; perhaps the largest of all.

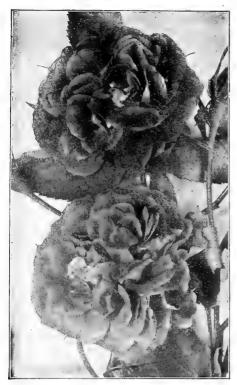
Prince Camille de Rohan. Deep velvety crimson-maroon, shaded scarlet; a magnificent dark Rose.

Ulrich Brunner. Bright cherry-red; flowers large and full; a good strong grower and always does well.

Price. Any of the above in Extra strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

Set of 12 "Best" Hardy Garden Roses for \$5.00.





CHINESE OR BENGAL ROSE, CHARLOTTE KLEMM

#### **HYBRID PERPETUAL ROSE** "AMERICAN BEAUTY."

We can supply this beautiful forcing Rose, but do not recommend it for indoor culture. While it is undoubtedly one of the finest Roses when grown under glass under the care of the specialist, it is, as a rule, worthless out of doors, except in favored locations, and we only carry it in stock in the spring of the year to supply customers who insist on trying it. Strong two-year-old plants, 50 cts. each; \$5.00 per doz.

#### HARDY BEDDING ROSE J. B. CLARK.

This beautiful Rose, while introduced as a Hybrid-Tea, does not conform to this or to the Hybrid Perpetual type; in fact, it seems as if though it should be placed in a separate class. The plant is of very strong branching habit, with large beautiful foliage, is perfectly hardy, and produces flowers of immense size that attract great attention. These are full double, of an intense scarlet with crimson shadings and are produced very freely during June. Strong two-yearold plants, 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

#### CHINESE OR BENGAL ROSES.

An old favorite type which is as beautiful and sweet now as it was in the gardens of half a century ago, and which deserves as great a popularity to-day as it had in years past. Compared with other Roses the flowers as well as the growth are small; but where an abundance of bloom is wanted they are unequalled, especially so as they will flourish under soil and climatic conditions in which the high-bred varieties will not thrive; splendid for massing, and hardy with slight protection.

Charlotte Klemm. Fiery red, shaded with cinnabar and blood-red, semidouble, of medium size and of great brilliancy of color.

Comtesse de Cayla. Very distinct and rich in coloring, coppery carmine shaded with orange and yellow.

Hermosa. A well-known old favorite double, bright pink; always in bloom.

Strong two-year-old plants, 40 cts. each; \$4.00 per doz., \$30.00 per 100. One each of the 3 varieties for \$1.00.

#### New Hybrid China-Tea Rose.

Titania. (Wm. Paul & Son, 1916.) A beautiful little bedding variety of dwarf branching habit of growth, very profuse flowering and especially remarkable for the rich and attractive coloring of its flowers which are difficult to describe. The

buds are copper-crimson, changing as the flowers open to deep salmon-red distincty shaded with clear yellow, forming altogether a most beautiful blending of colors, the expanded flowers often assume a quilled form, resembling a miniature Cactuo Dahlia. \$2.50 each.

#### THREE NEW TEA ROSES.

Lady Plymouth. (Dickson & Sons, 1915). A most distinct Rose of the "Souvenir de Pierre Notting" type, whose pearly, delicate, but deep ivory-cream petals are very faintly flushed, giving it a most piquant finish that is difficult to describe. The blooms which are carried on rigid stems are very large and full, and produced continuously. Awarded Gold Medal National Rose Society of England, and Silver Medal for best Tea Rose at the Crystal Palace, London.

Mrs. Campbell Hall. (Dickson & Sons, 1915). Delicate creamy-buff, edged or suffused rose-carmine, the centre of the flower a warm cerise coral fawn. The flowers are of immense size, with petals of great texture, which expand freely in all weathers; strongly and deliciously perfumed, and very free. The flower that gained the Gold Medal of the National Rose Society of England in 1913 was admittedly the finest individual blossom of any Rose exhibited.

Mrs. S. T. Wright. (Dickson & Sons, 1915). The fact that this is a sport from Harry Kirk, with which it is identical except in color, will give it a welcome reception. In color the guard petals are of a delicate old gold, while the centre petals are of an orange-chrome with rose suffusion.

Price. Any of the above New Tea Roses in strong two-year-old plants, \$1.25 each, or the set of 3 sorts for \$3.00.



ROSE I. B. CLARK



#### DREER'S "TWELVE BEST"

## **TEA ROSES**

Tea Roses have always been admired for their delicious fragrance and for their delicacy of coloring, but many of the varieties have now been superseded by the Hybrid-Tea class. The dozen kinds which we list below are the cream of the standard varieties, all of them sorts well worthy of a place alongside of the Hybrid-Tea class. All are offered in strong two-year-old plants that will give an abundance of flowers this season. The Tea Roses do not require the severe pruning recommended for the Hybrid-Teas; cut out all thin wood and cut back the stronger shoots to a prominent eye.

Duchesse de Brabant. An old favorite, probably the most deliciously scented Rose grown; bright silvery-pink, always in bloom. 40 cts. each; \$4.00 per.doz.

Harry Kirk. A splendid Rose, of most robust growth, with free-branching habit, flowering freely and continuously; the blooms are large, with large, smooth petals of great substance; the form is perfect, the buds long and elegant; color deep sulphur-yellow, passing to a lighter shade at the edges of the petals. Awarded a Gold Medal by the National Rose Society of England. 50 cts. each; \$5.00 per doz.

Hugo Roller. An intensified Marie Van Houtte. The ground color is rich lemon-yellow, the petals being edged and suffused with crimson; flowers of medium size, of good shape, and very freely produced throughout the season until late in autumn. Growth vigorous. 75 cts. each; \$7.50 per doz.

**Lady Hillingdon.** A recent introduction, of a beautiful coppery shade of apricot-yellow, beautiful in the bud; a strong, vigorous grower and very free-flowering. 50 cts. each; \$5.00 per doz.





TEA ROSE LADY HILLINGDON

Maman Cochet. An extra strong grower, producing its large buds and flowers in the greatest profusion; color deep rose-pink, inner side of petals silvery-rose; very double and exquisite in bud or when full-blown. 40 cts. each; \$4.00 per doz.

Marie Van Houtte. White, tinted with yellow, often edged with rose; large, full, of fine form and an abundant bloomer. 40 cts. each; \$4.00 per doz.

Mrs. Herbert Stevens. A beautiful white Rose, a flower of faultless form, buds long and pointed, quite full, pure white with occasionally fawn or peach-colored shadings in the centre; exceptionally free-flowering. 50 cts. each; \$5.00 per doz.

Mrs. Myles Kennedy. A delicate silvery-white, shaded buff and pink in the centre, the back edges of the petals shaded a deeper pink; the flowers are large, full and perfect in form. Awarded Gold Medal by the National Rose Society of England. 50 cts. each; \$5.00 per doz.

Souvenir de Catherine Guillot. Coppery-carmine, shaded with yellow, an exceedingly rich colored Rose of great excellence. 50 cts. each; \$5.00 per doz.

Souvenir de Pierre Notting. A beautiful canary-yellow, suffused with apricot in the centre; flower of good size; a very pretty Rose. 50 cts. each; \$5.00 per doz.

White Maman Cochet. Identical, except in color, with Maman Cochet; a splendid bedder. 40 cts. each; \$4.00 per doz.

William R. Smith. A cross between Kaiserin Augusta Victoria and Maman Cochet; one of our best bedding Roses; flowers large, of elegant form; creamy white with rose shadings. 40 cts. each; \$4.00 per doz.

#### SPECIAL OFFER.

We will furnish one strong two-year-old plant each of the above twelve Tea Roses for \$4.75.





A BED OF BABY RAMBLER ROSES

#### BABY RAMBLER AND POLYANTHA ROSES

A type of Roses which is very popular for bedding purposes. They form shapely, compact, bushy specimens about 18 inches high, producing in great profusion from early in the season until severe frost immense trusses of small flowers. Pruning is not necessary; simply remove the past season's flower stems.

Anchen Muller (Pink Baby Rambler). Large clusters of brilliant rose flowers; the edges of the petals are wavy, giving it a peculiarly graceful form.

Cecile Brunner (The Fairy or Sweetheart Rose). A Polyantha variety with dainty double little flowers of perfect form, produced in many flowered graceful sprays; color a soft rosypink on a rich creamy-white ground.

Clothilde Soupert (Polyantha Rose). An old favorite, producing in clusters beautiful perfectly double flowers of a French-white, deepening to rosy-blush in the centre; very free-flowering and deservedly popular.

Echo. A new soft tender pink variety of the style of Baby Tausendscheen, but of much greater vigor, producing on wellestablished plants shoots  $2\frac{1}{2}$  feet high which are much branched, frequently forming trusses of flowers over 12 inches in diameter. 60 cts. each; \$6.00 per doz.; \$40.00 per 100.

Ellen Poulsen. A very fine brilliant pink; large, full, sweetscented; vigorous habit and most floriferous.

Erna Teschendorff. A "sport" from the Crimson Baby Rambler, as bright as Gruss an Teplitz, the well-known Hybrid-Tea, which has been well described as the "Reddest of all red Roses."

George Elger. Coppery golden-yellow before fully expanded, opening up a pale-yellow, particularly handsome in the bud state, a splendid companion to Cecile Brunner the Fairy or Sweetheart Rose.

Louise Walter (Baby Tausendschan). Identical in color to the popular climbing Tausendscheen, a soft, tender shade of pink; flowers 15 to 2 inches in diameter produced throughout the season in trusses of 10 to 20 flowers each.

Mme. Jules Gouchault. A vigorous grower, producing long stems with erect panicles of 25 to 50 most perfectly formed flowers of a bright vermilion-red shaded orange-red, passing as they mature to a lively bright rose color.

Mme. Norbert Levavasseur (Crimson Baby Rambler). Similar in color to the climbing Crimson Rambler. One of the most popular.

Mrs. Cutbush (Cerise-pink Baby Rambler). Identical in color to the beautiful Lady Gay Rambler; always in flower.

Orleans. One of the best; flowers of large size of brilliant geranium-red, becoming suffused with rose as the flowers mature, and large white centre; a very pretty color combination.

Yvonne Rabier. The best white Baby Rambler, with full double flowers produced in great profusion; a variety, when once known, is certain to become very popular.

Price. Any of the above, strong two-year-old plants, 40 cts. each; \$4.00 per doz.; \$30.00 per 100. One each of the 13 sorts for \$4.50.

#### HARDY EVERBLOOMING HYBRID-TEA ROSES

We offer a magnificent selection of this splendid class, including the best of the latest introductions. For those who want but a few sorts we particularly recommend the "Dreer Dozen" and "Peerless Twelve" offered on pages 174 and 175.



#### TREE-SHAPED ROSES.

The following choice varieties can be supplied in tree-shaped form, on sturdy, hardy stems  $3\frac{1}{2}$  to 4 feet high.

Baroness Rothschild (*Hybrid Perpetual*). Very large satiny-rose.

Caroline Testout (Hybrid Tea). Large free satiny-rose with deeper centre.

Dorothy Perkins (Rambler). Soft shell-pink.

Excelsa (Rambler). Intense crimson-maroon.

Fisher Holmes (Hybrid Perpetual). Deep crimson, full perfect form.

Frau Karl Druschki (Hybrid Perpetual). The popular favorite white.

**Gruss an Teplitz** (*Hybrid Tea*). Brilliant scarlet, always in flower.

**Hiawatha** (Rambler). Single, ruby-carmine, with white centre.

J. B. Clark (Hybrid Perpetual). Of immense size, scarlet with crimson shadings.

Kaiserin Augusta Victoria (Hybrid Tea). Soft pearlywhite, tinted lemon, of beautiful form.

**Killarney** (*Hybrid Tea*). Sparkling brilliant pink; everybody's favorite.

Mme. Jules Grolez (Hybrid Tea). Beautiful satiny chinarose, one of the best.

Mrs. John Laing (Hybrid Perpetual). Soft pink, of beautiful form and deliciously scented.

Magna Charta (Hybrid Perpetual). Bright pink suffused carmine; a beautiful rose.

Mrs. Aaron Ward (Hybrid Tea). Beautiful Indian-yellow, shading to white.

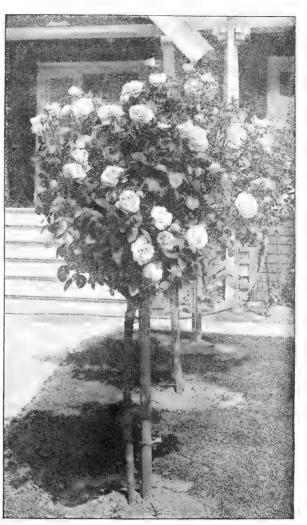
Tausendschoen (Rambler). Beautiful soft pink.

**Ulrich Brunner** (*Hybrid Perpetual*). Bright cherry-red; one of the best.

Price: Any of the above Tree Roses, \$1.00 each; \$10.00 per doz. One each of the 17 sorts for \$14.00.



MEMORIAL ROSE



TREE-SHAPED ROSES

#### MEMORIAL, or EVERGREEN ROSES.

The type of this group of Roses, Rosa Wichuraiana, is of Japanese origin, and flowers during June and July. This, as well as the varieties that have originated from it, are of a trailing habit of growth, very hardy, and are recommended for covering graves; hence one of its names—Memorial Rose—climbing over walls, arbors, stumps of trees or for trailing over rocks or rough ground; in fact, anywhere where a climbing or trailing Rose can be used. The foliage is of a leathery texture, of a beautiful shining green, and not only proof against all insects, but is retained on the plants until late in the winter, making them almost evergreen. Pruning should be done in the same way as recommended for the Hardy Climbing sorts. (See page 192.)

**Evergreen Gem.** Flowers bluff, changing to creamy-white, very double, foliage dense, of rich bronzy-green.

Gardenia. Buds bright yellow, opening double flowers of a cream color, incurving towards evening to the shape and color of a Cape Jessamine; hence its name.

South Orange Perfection. Dwarf, trailing habit, double flowers, blush pink at tips, changing to white.

**Triumph.** Double white flowers, produced in clusters; sweet scented. **Universal favorite.** Flowers very double, of a pretty rose color.

Wichuraiana. Beautiful fragrant single pure white flowers, with yellow stamens, followed in fall with bright red hips or berries.

Strong two-year-old plants, 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

Set of 6 sorts, \$1.75.

#### NEW PERNETIANA ROSES. or Hybrid Austrian Briers.

A new type of Roses, the result of crossing Austrian Copper and Yellow Brier Roses with various other types; all are of strong, vigorous growth, flowering profusely in early summer and produc-ing some bloom during the late summer and fall; a most distinct and interesting class. These should be pruned in the same way as the Hybrid Perpetuals. (See page 185).

Beaute de Lyon. Forms a large, globular flower of splendid shape, of a coral red color shaded with yellow. Beautiful, large, rich glossy foliage. Very desirable and free.

Juliet. This beautiful variety attracts great attention, and when better known is certain to become popular. It is a most distinct and attractive novelty, with large, perfect flowers. The outside of the petals is old gold, the interior rich rosy-red changing to deep rose as the flowers expand; of powerful, delicious fragrance.

Rayon d'Or, or Golden Rays. A gorgeous golden-yellow Rose. A vigorous, strong grower, with glossy foliage, which appears immune to the attacks of mildew. Flowers large, of globular form, color yellow cadmium as the buds begin to expand, toning to golden-yellow as they fully develop; a superb Rose and very free-flowering.

Soleil d'Or, or Golden Sun. Varies from orange-yellow to reddish gold, shaded with Nasturtium-red; large, full, perfectly double flowers; a strong grower.

Price: Strong two-year-old plants, 50 cts. each; \$5.00 per doz. One each of these four novel Roses for \$1.75.

#### Austrian, or Yellow Brier Roses.

A very hardy type, producing medium-sized flowers of the most pleasing and rich shades of yellow, copper, etc. This class requires little or no pruning, simply cut out superfluous and dead

Austrian Copper. Beautiful bright reddish-copper; single. Austrian Yellow. Very deep yellow; single; beautiful.

Strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$35.00 per 100. One each of the 4 sorts for \$1.75.



LORD PENZANCE'S HYBRID SWEET BRIERS

Harrison's Yellow. Fine double golden-yellow flowers. Persian Yellow. Large, deep golden-yellow; extra fine.

### LORD PENZANCE'S HYBRID SWEET BRIERS.

A correspondent of "Gardening" says of this class: "My collection of these beautiful hybrid Roses bloomed finely this season. The flowers are large and clear in color, and single or semi-double. In the part of my grounds where they are grown the atmosphere was heavy with the delicious scent of the Sweet Briers. They are strong, vigorous growers, throwing long, graceful branches



AUSTRIAN, OR YELLOW BRIER ROSES

which are wreathed with flowers. These lovely hybrids are crosses between the common Sweet Brier and various other Roses, and like their parents, the foliage is deliciously scented. The flowers are of the most beautiful tints, and produced in great profusion, and the plants are perfectly hardy, and possess a robust vigor which is quite astonishing. On no account should they be pruned beyond removing whatever branches are undesirable to keep. If pruned back like ordinary Roses, they produce very few blossoms Give each plant a 4 to 6 foot long stake and tie up some of the leading shoots to it. These Briers are seen to best advantage when isolated on the lawn, or if grouped set far enough apart to allow of each plant having unrestricted freedom and its branches to hang gracefully

Anne of Gerstein. Dark crimson, of graceful habit.

Brenda. Maiden's blush or peach, dainty in color and shade; the effect of the golden anthers adds a peculiar charm.

Lady Penzance. Beautiful soft tint of copper, with a metallic lustre; the base of each petal is a bright yellow, which, showing through the golden anthers, forms a halo round them; very free-flowering, with a delicious perfume from foliage and flower.

Lord Penzance. Soft shade of fawn or ecru, passing to a lovely lemonyellow in the centre, sometimes toned with a most delicate pink; a good grower and abundant bloomer, very sweet-scented.

Meg Merrilies. Gorgeous crimson, very free-flowering, wonderfully robust habit, large foliage; one of the best.

Refulgence. Semi-double flowers,  $3\frac{1}{2}$  inches across; on first opening a dazzling scarlet, changing to bright crimson as they develop, intensified by the golden stamens.

Common Sweet Brier. This is the true English Sweet Brier, or Eglantine. The single pink flowers are quite artistic, but it is valued most on account of the refreshing fragrance of its leaves. 40 cts. each; \$4.00 per doz.

Price. Except where noted, in extra strong two-year-old plants, 50 cts. each; \$5.00 per doz. Set of 7 sorts, \$2.75.



Moss Rose

#### BEAUTIFUL SINGLE ROSES.

The simplicity of the Single Rose appeals to everyone, and as grown by the Dicksons in Ireland they are particularly handsome, and many interesting varieties have been introduced during the past dozen years. From these we have selected the two varieties offered below, which

have been very attractive in our trial grounds, and which will add charm and beauty to any garden. Irish Brightness.' A brilliant, vivid crimson, shad-

ing to pink at the base of the petals.

Simplicity. Pure white, of immense size, awarded a gold medal by the National Rose Society of England.

> Strong 2-year-old plants, 50 cts. each; \$5.00 per doz.

#### MOSS ROSES.

A class of Roses which are much admired. beauty of the flower consists in the delicate mossy covering which surrounds the bud, and gives to the opening flower a unique appearance. Moss Roses should be pruned sparingly; cut out the old wood and merely cut back the growth of last year.

Blanche Moreau. Lovely large, pure white.

Countess de Murinais. Large, white, beautifully mossed.

Crested Moss. Rose color, beautifully crested.

Gloire de Mosses. Blush, very large and full.

Henry Martin. Fine crimson, very vigorous.

Princess Adelaide. Bright silvery rose; large.

Extra strong 2-year-old plants, 50 cts. each; \$5.00 per doz. Set of 6 sorts, \$2.50.

#### RAMANAS OR RUGOSA ROSES.

These lovely Roses form sturdy bushes 3 to 5 feet in height, covered with handsome glossy green foliage and clusters of beautiful fragrant single flowers. They bloom nearly the whole summer, and are equally as attractive during the autumn and winter when covered with their large, brilliant red seedpods. Of healthy, vigorous growth and equally desirable alike as single specimens or for making a hedge. Rugosa Roses require no pruning, merely cut out dead and superfluous wood.

Rugosa. Rosy carmine. Rugosa Alba. Pure white. Extra strong 2-year-old plants, 30 cts. each; \$3.00 per doz.; \$20.00 per 100.

#### Double Ramanas or Rugosa Roses,

Blanc Double de Coubert. A splendid double pure white. Conrad Ferdinand Meyer. Clear, silvery rose with beautifully formed buds.

Hansa. An attractive double reddish-violet. Very distinct and desirable.

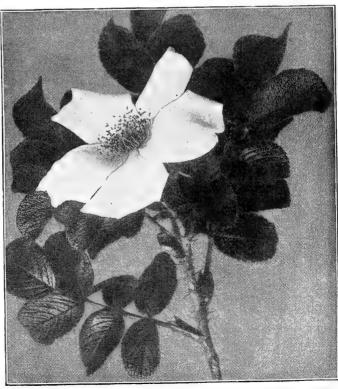
Nova Zembla. A hybrid variety in which the foliage is entirely distinct from the type, forms large shrub-like bushes 6 feet or more high, making it a most desirable variety to plant in the shrubbery border; the flowers are large, double, of fine form, white, with a pleasing flush of pink, and produced throughout the summer.

Strong 2-year-old plants, 50 cts. each; \$5.00 per doz. Set of 4 sorts, \$1.75.

#### DAMASK ROSES.

These two old roses should be in every garden. Though they bloom but once a year, their fragrance, perfect hardiness and the abundance of flowers they produce make them indispensable.

Cabbage, or Provence. Rosy-pink flowers. White Provence. Pure white, delightfully fragrant, Strong 2-year-old ptants, 50 cts. each; \$5.00 per doz.



RAMANAS OR RUGOSA ROSE



## HARDY CLIMBING

## RAMBLER ROSES

Sincetheintroduction of the Crimson Rambler, in 1894, this class of Roses has continued to gain in popularity.

Many splendid new varieties, both in single and doubleflowering forms, have been added during the past few The best and most distinct of these we offer on this and the following two pages.

Climbing Roses require no pruning in the spring beyond the cutting out of very old or dead wood and the shortening of the laterals and long canes to make the growth conform to the space to be covered, but a severe pruning in July directly after they have finished flowering is beneficial. Cutting away at that time all old flowering wood will encourage

a vigorous growth, which will give an abundance of flowers the following season.

American Pillar. A single-flowering variety of great beauty, which appeals to every The flowers are of enormous size, three to four inches across, of a lovely shade of pink, with a clear white eye and cluster of yellow stamens. These flowers are

borne in immense bunches, and a large plant in full bloom is a sight not easily forgotten. They last in perfection a long time, and are followed by brilliant red hips or berries, which are carried late into the winter; and as the plant

frequently retains its lovely green foliage until the end of November, it forms a beautiful decorative subject throughout the autumn months.

Aviateur Bleriot (The New Yellow Rambler.) We have discarded the old yellow Rambler in favor of this new variety, in which we have a strong-growing plant with beautiful glossy, insect and disease-proof foliage, and bearing large clusters of medium-sized full double flowers of a

saffron yellow, deepening to an almost golden-yellow at the centre. (See cut on page 193.)

RAMBLER ROSE DOROTHY PERKINS

(Offered on page 193)

Christine Wright. A most exquisite Rose, a cross between Caroline Testout and an unnamed seedling; it is of strong climbing habit, with large, heavy, dark green foliage, which is immune to disease. The flowers are double, from 31/2 to 4 inches in diameter, borne singly and in clusters, of perfect form, beautiful in the bud and in the fully expanded flower; in color a most refreshing bright wild-rose pink.

Climbing American Beauty. A Rose of great merit. A cross between American Beauty and an unnamed seedling; color a rosy-crimson, similar to its popular parent, and with the same exquisite fragrance, a quality rarely found in climbing Roses. The plant is of strong habit of growth, making shoots of ten to fifteen feet in one season, and as hardy as an oak. The flowers are from three to four inches in diameter, of fine form, and are produced in great profusion. (See cut.)

Crimson Rambler. This was the first of the Rambler Roses, and was introduced from Japan in 1894. It is too well known to require description. Everyone is familiar with its large clusters of crimson flowers.

Price. Any of the above in strong two-year-old plants, 50 cts. each. \$5.00 per doz.; \$35.00 per 100.



CLIMBING AMERICAN BEAUTY ROSE



## HARDY CLIMBING

## RAMBLER **ROSES**

(Continued).

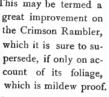
Dorothy Perkins. shell-pink, flowering profusely in large clusters; very fragrant and lasting; a grand Rose in every way. (See cut on page 192.)

Dr. W. Van Fleet. A Rose which on account of its dainty color and exquisitely shaped buds and flowers appeals to everyone. The long pointed buds are of a rich flesh-pink on stems 12 to 18 inches long, splendid for cutting. The plant is of strong, vigorous growth, with dark glossy foliage that resists mildew and insects; one of the best and most distinct.

Excelsa. A distinct variety in form, color and habit; vigorous in growth with healthy dark, glossy green foliage. flowers are very double, produced in large trusses of thirty to forty, and almost every eye on a shoot produces clusters of flowers. The color is intense crimson-maroon, the tips of the petals tinged with scarlet. The individual flowers are very large for a climbing Rose, being similar to those of the General Jacqueminot, only the petals are of a more loose form. This may be termed a



CLIMBING ROSE, AVIATEUR BLERIOT. (Offered on page 192.)



Hiawatha. There is no other climbing Rose so brilliant as Hiawatha. It must be seen to be appreciated. Its flowers are about 1½ inches across, and produced in long, pendulous sprays, with frequently from 40 to 50 flowers on a spray. In color it is brilliant; ruby-carmine, with a clear white eye and a mass of golden stamens-a glowing combination of colors, which can be seen at a great

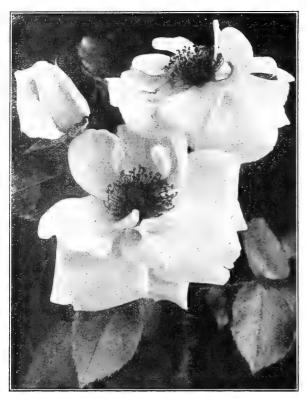
RAMBLER ROSE HIAWATHA distance. The plant is of strong, vigorous

growth, with bright green, glossy foliage, which is retained until late in fall. (See cut.)

Lady Gay. A most desirable variety of remarkable, vigorous growth, with flowers of a delicate cerise-pink, passing to soft-tinted pink. The effect of a plant in full bloom with the combination of the soft pink flowers, cherry-pink buds, and the deep green of the foliage is indeed charming. (See cut on page 194.)

Paul's Carmine Pillar. The earliest of the climbing Roses to come into flower, it coming into bloom two weeks before any other variety and continuing for a long time, the flowers are large and very showy, single and of perfect form, of a rich rosy-carmine with white eye.

Price. Any of the above in strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$35.00 per 100.



CLIMBING ROSE SILVER MOON

#### FOUR FINE CLIMBING HYBRID-TEA ROSES.

While not as a rule as free-flowering as the bush type of Hybrid-Tea Roses, these climbing forms produce a large crop of beautiful flowers in June, with a very fair scattering of blooms throughout the season. In pruning this class, cut out all small, thin wood and cut the strong shoots back to prominent eyes.

Climbing Caroline Testout. A climbing form of the old favorite satiny-pink.

Climbing Belle Siebrecht. Identical with its parent, a brilliant imperial-pink color.

Climbing Kaiserin Augusta Victoria. The climbing form of

this most popular white Rose; very free.

Climbing Lady Ashtown. The best of all the climbing Hybrid-Tea varieties. A plant in the most exposed part of our Nursery, with very little protection, has withstood [the past four winters with only the longest branches cut by frost, producing not only an immense crop of its very large soft rose-colored flowers in June, but continuing in bloom almost without intermission until the end of the season. A Royal Rose that cannot be recommended too highly. 75 cts. each; \$7.50 per doz.

Price. Any of the above, except where noted, in strong two-yearold plants, 50 cts. each; \$5.00 per doz. The set of 4 varieties for \$2.00.

#### TENDER CLIMBING, or PILLAR ROSES.

These are not hardy in the latitude of Philadelphia, except in favored positions, or with protection; especially adapted to covering rafters, etc., in greenhouses or for outdoor culture in the South.

Glorie de Dijon. An old favorite; flowers blush with salmon shadings; a fine climber for a sheltered wall.

Reine Marie Henriette. Cherry-crimson. By many this fine

Rose is known as the Red Gloire de Dijon. Marechal Niel. Superb; bright golden-yellow.

W. A. Richardson. A peculiar shade of orange-yellow. White Banksia. White, small flowers; very fragrant.
Yellow Banksia. Yellow, small flowers; very fragrant.

Strong two-year-old plants, 50 cts. each; \$5.00 per doz. One each of the 6 sorts for \$2.50.

## HARDY CLIMBING ROSES

(Continued.)

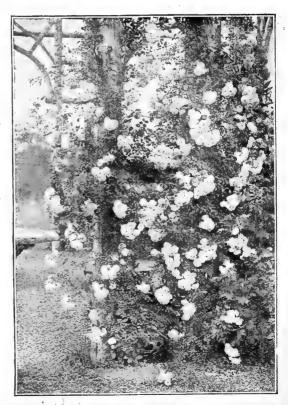
Silver Moon. Different from all other Roses; flowers very large, four and a half inches and over in diameter, pure white in color, petals of great substance, beautifully cupped, forming a Clematis-like flower. The large bunch of vellow stamens in the centre adds to its attractiveness. These flowers are borne on strong stems 12 to 18 inches long, and are delicately scented. The plant is a strong grower, with large, glossy bronzy-green foliage. (See cut.) Strong twoyear-old plants, 75 cts. each; \$7.50 per doz.

Tausendschoen. Entirely distinct, not only in Ramblers, but in climbing Roses generally. The individual flowers are very large for this type of Rose, being fully 3 inches across and of a most elegant and graceful form, not stiff or unnatural, but as beautiful as a semi-double Azalea. In color it is a most delightful shade of soft pink when first opening. changing to carmine on the reverse of petals when fully expanded. These are produced in trusses of from 10 to 15 flowers, each truss a veritable bouquet.

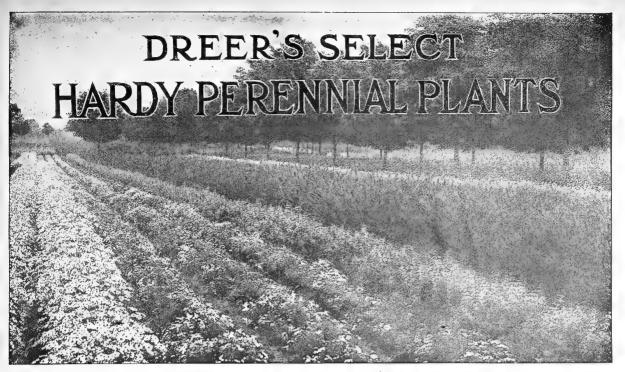
White Dorothy. Among Rambler Roses none has justly gained greater popularity than the beautiful pink Dorothy Perkins. The White Dorothy is a duplicate except in color.

Price. Any of the Hardy Climbing Roses offered on this and preceding pages, except where noted, in strong twoyear-old plants, 50 cts, each; \$5.00 per doz.; \$35.00 per 100. One each of the 14

varieties, a fine collection, for \$6.00.



CLIMBING ROSE LADY GAY (Offered on page 193)



A VIEW IN OUR NURSERY, WHERE WE GROW HARDY PERENNIAL PLANTS BY THE ACRE

F all the plants that are cultivated for purely ornamental purposes, there are none which have made such rapid strides in public favor as the Old-fashioned Hardy Garden Flowers, the inhabitants of the perennial garden. Their popularity is 'not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy garden, in which every week—yes, every day—brings forth something fresh and new to interest and delight even the most critical. Beginning in April, the early-flowering varieties open their flowers often before the snow has entirely disappeared, and continue, with constant changing variety, throughout the summer until late in the fall, when only severe freezing weather will stop such persistent late-blooming kinds as Japanese Anemones, Pompon Crysanthemums, Gaillardias, Gentians, Tritomas, etc.

#### THE MAKING AND CARE OF AN OLD-FASHIONED HARDY BORDER.

Frequent are the discussions and many are the ideas concerning their cultivation and the best method of arranging them in the garden, but no hard or fast lines can be laid down, as it largely depends on location, the ground at the disposal, and the individual taste of the cultivator. In arranging hardy flowers one should never forget the ways of Nature, choosing the flowers she uses in the positions she thinks most suitable, while endeavoring to conceal stiffness of arrangement by a careful study of her plans and the judicious use of the beautiful hardy plants at our disposal.

Situation.—There is no class of plants which lend themselves to such varied assortment of climatic or soil conditions, but the most effective position for Hardy Perennial plants in general is a good open border, backed by a hedge, a fence or trellis covered with Rambling Roses or any other hardy climbing vines; while some of the taller-growing sorts, such as Hollyhocks, Sunflowers, Rudbeckias, Boltonias, Bocconias, etc., are also very attractive when planted throughout a shrubbery border, their showy flowers forming a bright contrast with the foliage of the shrubs throughout the summer and fall when few of the latter are in bloom.

Soil and Planting.—Cultivation is of the simplest, beginning with any good garden soil as a foundation, which may be enriched with such fertilizers as well-decomposed manure, bonemeal, or sheep manure deeply dug and well-pulverized. The best time to plant hardy plants is just when they are emerging into life after their season's rest, when the weather is favorable and the soil in condition, or they may be set out in the autumn. Above all things avoid wet planting. Do not make the common mistake of overcrowding; give each plant sufficient room to allow it to develop to its full size. The nearest approach to a rule which may be followed in planting being to set out plants which grow to a height of 2 feet or less 12 inches apart, and all others space equal to one-half their height when developed. For example, Aquilegias and Gypsophila, which grow 2 feet high, may be planted 12 inches apart, while Delphinium formosum and Japanese Iris, which grow 3 feet high, should be 18 inches apart. Care should also be taken to blend the colors throughout the garden, so as to prevent too many of one shade of color

coming together. causing jarring contrasts. The season of flowering of the different types should also be taken into account, and the different plants as evenly dispersed as possible, in order to maintain an equality of flowering plants, leaving no portion of the garden bure or flowerless, nor crowding together too many that bloom at the same time.

Care in Summer.—During the growing season careful attion should be given if best results are to be obtained. There is nothing so beneficial as frequent stirring up around the plants, and raking the ground into order again; it allows the air to move more freely through the surface of the soil, thereby encouraging growth and keeping the weeds in check. During hot, dry weather, or when it is not convenient to water, a mulch of any loose, light material will be found very beneficial in retaining the moisture and in keeping the soil from baking; short grass, the rakings of the lawn after cutting, is excellent material for this purpose. Early in summer many varieties will have made considerable growth, and the supporting of these should be taken up in time. It is hardly possible to stake and tie up a plant so that it will have the same graceful appearance as if grown naturally without their aid; still, supports should be inserted at all tall-growing sorts early in the season while the plants are small. In this way they will lend themselves more naturally to their support than if this work is accomplished after the plants have made considerable growth. Once the plants get broken down or allowed to get "set" it is impossible to tie them up into natural shape again. This phase of summer work in the garden is often considered a matter of small importance, yet the difference between doing same in a slipshod and a workmanlike manner is most apparent; and, while fully sympathizing with those who may not be able to spare the time or who may not have the materials at hand necessary to perform this work in the best possible manner, it cannot be too strongly emphasized that these are two of the most important factors in the successful cultivation of all-out-of-door plants. The removal of old flower stems will also materially help the appearance of the plants at all times, many species responding to this treatment with an extra crop of flowers later in the season. All decayed foliage should also be removed, so as to keep the garden neat and tidy at all seasons.

### The Making and Care of an Old-Fashioned Hardy Border-Continued

Winter Care.—About the middle of November or later, when all the soft growth has been killed by the frost and the plants are thoroughly ripened, the old hard-wooded stems should be removed and burnt up. It will then be found beneficial to cover the plants with a topdressing of loose stable litter, or, if this is not to be had, a covering of leaves—Nature's protection. This covering is best applied when the ground is in a dry condition, and should not be overdone; two or three inches spread over loosely being all that is required. A deeper covering would incite the plants into premature growth in the early spring, with a liability of damage by late frost; don't be in a hurry to cover the plants, a little frost will do them good. As the extreme cold weather begins to disappear this covering should be removed by degrees, allowing any young growths which the plants may have made to gradually harden off. This process usually occupies only a few days, after which the plants may be fully exposed to

the sunshine, and the litter or covering which has protected them during the winter may be raked up and removed,

Replanting.-It is all nonsense to suppose that Hardy Perennials once planted require no attention for several years, The truth is, if we wish them to give entire satisfaction, we must each spring see that each variety is treated in the best manner to insure its fullest development during the next flowering season. Many ideas are advanced on the question of how often they ought to be divided and transplanted, but no positive rule can be applied. Some sorts will take two or three years, or even longer, to get established and develop their fullest beauty after being transplanted, and usually the longer they are allowed to go without disturbance the better results will be accomplished, while others should be transplanted or reset each season.

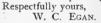
Most hardy plants which flower during the spring or early summer months, such as Anthericum, Pæonies, Doronicum, Dielytras, etc., produce their new growth from the crown of close compact roots and are

better if left undivided and undisturbed for several years, the only care necessary for these being a liberal covering with fresh soil or compost early in spring. The late summer and autumn blooming species are usually of a more vigorous growth. Such sorts as Helianthus, Rudbekias, Asters, Boltonias, Physostegias, etc., on which the original crowns die out each season and many new side growths are made, are far better if replanted each season, selecting from three to five of the strongest growths, which, after the ground had been redug and enriched; may be reset in the same position or replanted to another section of the garden. Treated in this manner, they will not only produce flowers of larger size and finer colors, but will keep the stronger and more rampant growing varieties from crowding out their equally interesting but less vigorous neighbors.

Many not thoroughly familiar with this class of plants have an idea that nothing but a large field-grown clump will give satis-

factory returns the first season. This, as experience has taught us, is in most instances a mistake. A vigorous plant of proper size will, in nearly every case, give quicker and better returns than the best so-called "field clumps." The majority of the stock offered in this catalogue is pot-grown. This does not mean that the plants have been altogether pot-grown, but that they have been field-grown and dug and potted up during the fall months, and such stock can be planted, even late in the spring, with practically no loss, which, in the case of clumps, is often quite serious. The following letter from the well-known and successful amateur, W. C. Egan, endorses our views on this matter

EGANDALE, ILL.
GENTLEMEN—Your shipment of perennials arrived safely today in most excellent order. It certainly is a pleasure, as well as a profit, to receive plants from you. Your system of growing these in pots allows shipment without disturbing the roots, thus insuring uninterrupted growth and no loss in planting.





AN EFFECTIVE HARDY BORDER

## Dreer's Collections of Hardy Perennial Plants

The list of Hardy Perennial plants which we offer in our garden book is admitted to be the most complete and up-to-date collection in this country, and we are continually adding to our list all the new, rare and desirable sorts, both of home and foreign introduction.

## Dreer's Special Catalogue of

## Old=fashioned Bardy Plants

While we are not in the landscape business and cannot undertake the preparation of plans for planting or laying out of grounds, we have had prepared by a competent landscape architect a series of plans of hardy borders with a list of suitable plants for positions either in sun or shade.

These are included in the above special catalogue, which also contains a complete alphabetical list of all the hardy plants we grow, together with their color, height, time of flowering, and location best suited to each. This list should make it comparatively easy for even a novice to make a selection to fill a bed or border of any size or shape without making a serious blunder.

Copies of this Special Catalogue will be sent free on application.

#### DREER'S SELECT

# Hardy Perennial Plants

All Plants are forwarded on receipt of order unless instructed to the contrary and are sent by Express, purchaser paying charges. We can forward small plants by Parcel Post, and if wanted sent in this way add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

#### PLANS OF HARDY BORDERS.

These are shown together with list of suitable plants in our Special Catalogue of Hardy Plants. Copies free on request.

#### ACÆNA (New Zealand Burr).

Microphylla. Pretty evergreen rock plants of cushion-like growth cultivated for their showy, crimson spines, which are borne on the calyx; foliage dark bronze. 25 cts. each; \$2.50 per doz.

#### ACANTHUS (Bear's Breech).

Mollis Latifolius. A handsome decorative plant of stately effect, with deeply-toothed, heart-shaped leaves, 2 feet long by 1 foot wide; either for planting as single specimens on the lawn or in the border, or for grouping

with other plants for sub-tropical effect, producing 3 feet high spikes of curious rose-colored flowers during August and September. The ornamentation of the Corinthian columns is said to have been suggested by the leaf of this plant. 25 cts. each; \$2.50 per doz.



ACHILLEA PTARMICA "THE PEARL."

#### ACHILLEA.

(Milfoil, or Yarrow.)

**Eupatorium** (Fern-leaved Yarrow). Neat, finely-cut foliage and brilliant yellow heads of flowers, lasting in full beauty all summer; 4 to 5 feet.

Filipendula (Noble Yarrow). A vigorous, showy species, with goldenyellow flowers in dense flat corymbs in July; height, 2 feet.

**Millefolium Roseum** (Rosy Milfoil). Finely-cut, deep green foliage, flowers pink, in dense heads; 18 inches high and flowers all summer. (See illustration on page 198.)

Ptarmica Fl. Pl. "The Pearl." Pure white flowers borne in the greatest profusion the entire summer on strong, erect stems, 2 feet high; as a summer cut flower it is of great value. (See cut.)

— Boule de Neige (Ball of Snow). An improvement on The Pearl; the flowers, while not quite so large, are of more perfect form with fuller centres, which makes it appear purer in color.

**Tomentosa** (Woolly Yarrow). Handsome cut foliage and bright yellow flowers in a multitude of flat heads during June; height about 12 inches.

Price, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

One each of the 6 varieties for 75 cts.

#### ACONITUM (Monkshood, or Helmet Flower).

All the varieties offered form bushy clumps and grow about 4 feet high; invaluable for planting under trees or in shady or semi-shady positions.

Napellus. Large, dark blue flowers; August to September.

- Bicolor. Large blue-and-white flowers; one of the prettiest.

**Fischeri.** A dwarf variety, growing 18 inches high, with very large, pale blue flowers in September and October.

Lycoctonum. A free-flowering pale yellow sort, blooming to June and July. Sparks' Variety. The darkest blue of all; flowers in June.

Wilsoni. A recent introduction from Northern China, of strong, stately habit, growing 5 to 6 feet high, with large light violet-blue flower in September. 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 6 varieties, \$1.25.



ACONITUM NAPELLUS



ACHILLEA MILLEFOLIUM ROSEUM (Offered on page 197)

#### ADENOPHORA.

Megalantha. A new variety, producing from June to October large, attractive porcelain-blue blossoms. 35 cts. each; \$3.50 per doz.

Potanini. An easily-grown, useful, attractive plant, with light blue flowers, not unlike Canterbury bells; July to September; 18 inches. 25 cts. each; \$2.50 per doz.

#### ADONIS (Bird's Eye).

One of the choicest of early springflowering plants; about 12 inches high, with finely-cut, ornamental foliage; effectve in rock work or in the border. The two varieties offered are from Japan,

of strong growth, and come into bloom fully two weeks earlier than any other hardy plant in our collection.

Amurensis. Large, single yellow flowers.

Amurensis Fl. Pl. Large, double yellow flowers.

50 cts. each; \$5.00 per doz.

#### ÆGOPODIUM (Bishop's Weed).

Podagraria Variegata. A rapid-growing plant, with neat green and yellow variegated foliage, thriving in any soil; makes a fine border for a bed of shrubs or for covering waste ground; 1 foot, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### ÆTHEOPAPPUS PULCHERRIMUS.

A most valuable flowering plant for garden decoration and for cutting. Its flowers, which are not unlike a Sweet Sultan, are a magnificent brilliant rose, and last a long time when cut and placed in water. It blooms in July, and the plant grows 2 to 2½ feet high and is perfectly hardy. (See cut.) 25 cts. each; \$2.50 per doz.

#### AGROSTEMMA (Rose Campion).

Stout, erect-growing plants, with silvery foliage, which contrasts well with the showy flowers; which are produced during June and July.

Coronaria (Mullein Pink). Bright rosy-crimson; 2½ to 3 feet.

Flos Jovis (Flower of Jove). Deep pink flowers on 12 inch high stems.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### AJUGA (Bugle),

Reptans rubra. A useful plant for the rockery and for carpeting the ground, particularly in shady positions, as under trees where grass will not grow; large spikes of purplish-blue flowers in May. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### ALCHEMILLA (Lady's Mantle)

Maior. A good rock plant, with pretty foliage and inconspicuous flowers, prefers a half shady corner. 25 cts. each; \$2.50 per doz.

#### ALSTROMERIA (Chilian Lily)

Chilensis. A tuberous-rooted plant, 2 feet high; with spikes of showy flowers, varying from rosy-white to deep orange-red, flowering from July to September. Requires deep planting to give the roots protection. 15 cts. each; \$1.50 per doz.

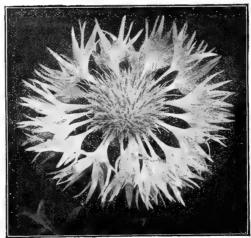
#### ALYSSUM

(Mad-wort).

Rostratum. Bright goldenyellow flowers in June and July; 1 foot. 25 cts. each; \$2.50 per doz.

Saxatile Compactum (Basket of Gold, Gold Tuft, Rockmadwort). An indispensable plant for the rockery or border, growing 1 foot high and producing in May masses of broad. flat heads of bright yellow flowers. 15 cts. each; \$1.50

per doz.; \$10.00 per 100.



AETHEOPAPPUS



AGROSTEMMA CORONARIA

#### NEW ANCHUSA ITALICAS.

(The Improved Italian Alkanet or Bugloss.)

Although introduced only a few years ago the two Anchusas offered below have already become very popular. The rich blue tones of their flowers fill a vacancy in this color, of which there is never a superabundance, particularly during their flowering period, which covers the months of May and June. They form much-branched specimens 3 to 5 feet high, each branch terminated by a large, pyramidal, graceful spike of blue flowers, and while the habit of the plant is strong and vigorous it is not at all coarse. Of easy culture in any good garden soil and a sunny position. Very effective either in solid beds or in the hardy border.

Dropmore Variety. Rich gentian blue.

Opal. A splendid lustrous light blue.

25 cts. each; \$2.50 per doz.; \$18.00 per 100.

#### Anchusa Myosotidiflora.

A distinct new species from the Caucasian mountains, growing but 10 to 12 inches high, producing during April and May sprays of beautiful Forgetme-not-like flowers of rich blue. 25 cts. each.

#### Anemones.

(Windflower).

We offer a splendid selection of the best kinds. See page 200.

#### Anemonopsis.

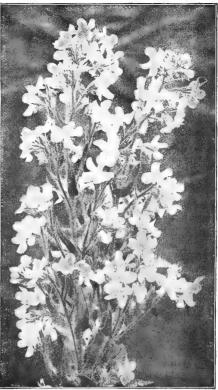
Macrophylla. A very rare Hardy Perennial from Japan, growing about 2 feet high. The general habit of the plant as well as its unopened flower buds is not unlike a miniature Japanese Anemone. The rich violet bell-shaped flowers are produced in loose racemes late in summer. Prefers a partly shaded position. 50 cts. each.



ANTHEMIS TINCTORIA



ANTHERICUM LILIASTRUM GIGANTEUM



ANCHUSA ITALICA, DROPMORE VARIETY

#### ANTHEMIS.

(Marguerite.)

Tinctoria. This hardy Marguerite is one of the most satisfactory summer-flowering perennials, succeeding in the poorest soil; of bushy habit, growing about 15 inches high, and producing its large golden-yellow, daisy-like flowers continuously during the entire summer.

- Alba. Creamy-white flowers with yellow centre.
- Pallida. Light canary yellow.

Price. Any of the above, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### ANTHERICUM.

(St. Bruno's Lily.)

Liliastrum Giganteum. A giant flowering form of the St. Bruno's Lily, producing in May strong spikes of large white flowers, which forcibly remind one of a miniature form of the Lilium Candidum or Madonna Lily. A very attractive hardy plant, the culture of which is fully given in our new book, "Hints on the Growing of Bulbs," a copy of which will be sent free if asked for when ordering. 25 cts. each; \$2.50 per doz.

#### DREER'S

SPECIAL CATALOGUE OF

## **Old-fashioned Hardy Plants**

Contains a complete alphabetical list of all the hardy plants we grow, and gives their color, height, time of flowering and location best suited for each; also plans of Hardy Borders, etc. Copies free on request.



A BED OF JAPANESE WINDFLOWERS

## ANEMONE JAPONICA (Japanese Windflower).

These beautiful Windflowers are one of the most important hardy plants. While they begin blooming in August, they are more especially valuable on account of their continuing in full beauty until cut down by hard frost. All are excellent for cutting, lasting in good condition for many days. The plants grow 2 to 3 feet high, are perfectly hardy if given the protection of 2 or 3 inches of leaves or litter during the winter, and, while they respond freely to liberal feeding, they will succeed in any ordinary garden soil, increasing in beauty from year to year. They can be used in solid beds or borders or clumps planted through the hardy border, which they brighten during the late fall months.

#### Standard Japanese Anemones.

Japonica Alba. Large, snowy-white; very chaste.

Japonica Rubra. Beautiful rosy-red; stamens brightyellow.

**Prince Henry.** Large, very double, deep rich pink flowers; free-flowering.

Queen Charlotte. Very large semi-double flowers of La France pink, a color that is rare among hardy plants.

Rosea Superba. Flowers of medium size, of a delicate silvery-rose.

Whirlwind. Large, semi-double pure white flowers, very free.

Price. Any of the above, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 6 sorts for 75 cts.

#### NEW JAPANESE ANEMONES.

Alice. This is on the style of the variety Queen Charlotte; the flowers when first opening have the form of a Rose, as they expand the silvery-rose, shell-like petals become suffused with fresh carmine.

Geante Blanche. Very large, robust pure white.

Kriemhilde. Semi-double flowers, nearly four inches in diameter, composed of long, narrow, closely set petals of a lovely rose-pink color.

Loreley. A neat cup-shaped flower, semi-double, three inches in diameter, of a bright, silvery mauve pink.

Price. Any of the new varieties, 30 cts. each; \$3.00 per doz. Set of 4 sorts for \$1.00.

#### VARIOUS ANEMONES (Windflowers).

Pennsylvanica (Pennsylvania Windflower). The prettiest of our native Windflowers, growing 12 to 15 inches high and producing its large white flowers in the greatest profusion from June to August; an excellent plant either for the border or the rockery, and succeeds equally well in sun or shade.

Pulsatilla (Pasque Flower). Grows from 9 to 12 inches high, and produces violet or purple flowers during April or May. An interesting plant for the replacement of the pulsation of the pulsation

interesting plant for the rockery or well-drained border.

Sylvestris (Snowdrop Windflower). Large, cup-shaped, pure white flowers, on clean stems, held well above the neat, hand-somely cut foliage; one of the most satisfactory plants for the border, and equally at home in partial shade.

Price. Any of the above, 15 cts. each; \$1.50 per doz.

#### **NEW ANEMONE "HUPEHENSIS."**

An introduction from central China, closely allied to Anemone Japonica which, in a miniature way, it closely resembles. The plants grow from 10 to 12 inches high and from early in August until late in Autumn, produce an abundance of flowers, about 1½ inches in diameter, of a pleasing pale mauve-rose. 25 cts. each; \$2.50 per doz.

## HARDY PERENNIAL PLANTS.

#### AQUILEGIAS, or COLUMBINES.

The Columbines are one of the most elegant and beautiful of hardy plants, producing their graceful spurred flowers on stems rising 2 feet or more above the beautifully divided foliage.

Columbines should be planted wherever their presence will serve to lighten up a too stiff and formal planting, for no other plant has so airy a grace as the Columbine, is more generous of its blooms, or more effectively adapted for cut flowers.

They are not at all particular as to soil or location, although they prefer a sandy loam and a moist but well drained, sunny position, and usually make themselves at home in any hardy border or rockery. Their period of flowering covers the late spring and early summer months. Taken as a whole, they are a most important part of the hardy garden, and should be grown in quantity by every lover of old-fashioned garden flowers.

Californica Hybrida. Long-spurred flowers in a variety of colorings, such as yellow, pink, flesh, red, etc.

Canadensis (Common American Columbine). The native bright red and yellow variety, and one of the brightest.

Chrysantha (Golden Columbine). Bright yellow longspurred flowers.

Chrysantha Alba. A long-spurred white variety.

Coerulea (Rocky Mountain Columbine). Bright blue and white long-spurred flowers.

Flabellata nana alba. Pure white, of dwarf growth.

Helenæ. Large blue flowers and wide expanded white corolla.

Truncata. Scarlet tipped yellow; very distinct.

Vulgaris (Common European Columbine). Violet-blue; a strong, vigorous grower.

**Price.** Any of the above, 15 cts. each; \$1.59 per doz.; \$10.00 per 100.

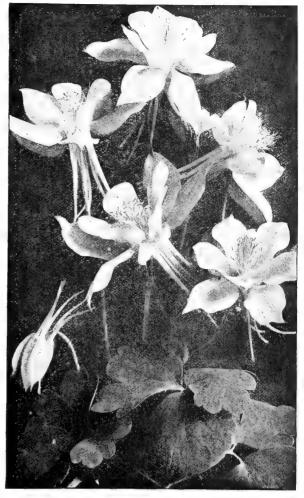
One each of the 9 sorts for \$1.10.

# New Japanese Columbine AQUILEGIA AKITENSIS.

A distinct and pretty Japanese alpine variety with large blue flowers and yellow corolla. 50 cts. each.

#### ARALIA.

Cashmeriana. A stately ornamental plant with attractive foliage and large panicles of small white flowers in early summer; grows 5 to 8 feet high. 25 cts. each; \$2.50 per doz.



AQUILEGIA, OR COLUMBINE

#### ARABIS (Rock Cress).

Alpina. One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers. It is nice for cutting, and lasts for a long time in bloom. (See cut.) 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Alpina Flore Pleno. A distinct and pretty double flowering form. 25 cts. each; \$2.50 per doz.



ARABIS ALPINA, OR ROCK CRESS







Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which innumerable flowers appear in dense heads, on stiff wiry stems about 9 inches high. They flower more or less continuously from early spring until late in the fall. Very useful in the rockery.

Maritima Splendens. Bright rosy pink,

- alba. A pretty white.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### ASCLEPIAS.

(Butterfly Weed,)

Very showy native plants, about 2½ feet high, producing their flowers during July and August.

Incarnata Rosea (Swamp Milkweed). A selection of our native Milkweed, having pretty rosy-flesh colored flowers.

Tuberosa. Compact umbels of brilliant orange-colored flowers.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### ASTRANTIA.

(Master-wort.)

Major. Grows about a foot high and bears during June and July pecu-

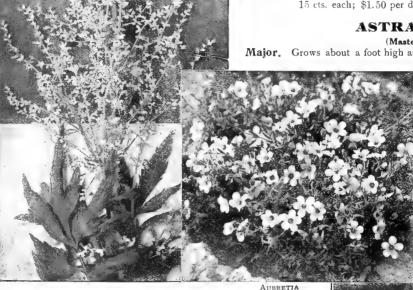
liarly interesting blush flowers an inch across. A most interesting flower for a moist position. 25 cts. each. \$2.50 per doz.

#### AUBRETIA.

(False Wall Cress.)

Leichtlini. Pretty, dwarf growing rock plants, forming broad masses of silvery green foliage and sheets of bright reddish crimson flowers in spring and early summer. (See cut.)

> 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



ARTEMISIA LACTIFIORA

#### ARTEMISIA.

A most useful class of plants, either for the border or for filling in within the shrubbery. With the exception of the new variety Lactiflora they are not remarkable for their flowers; the foliage of the sorts offered is very ornamental. All the varieties offered stand cutting down to 5 or 6 inches when used in carpet or ribbon bedding.

Abrotanum (Old Man, or Southern-wood). Dark green, finely cut foliage, with pleasant aromatic odor; 2 feet.

Pedemontana. A handsome variety with finely cut silvery foliage. Stelleriana (Old Woman). Deeply-cut silvery foliage; much used in carpet bedding; 18 inches.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### A BEAUTIFUL FLOWERING ARTEMISIA. ARTEMISIA LACTIFLORA.

Unlike the varieties offered above, which are grown for their foliage, this comparatively new introduction from China is a most effective flowering plant, with erect stems 31 to 41 feet high, clothed with elegantly-cut dark green toliage and terminated by panicles of Hawthorn-scented creamy-white Spiræa-like light and graceful flowers. It is at its best from the latter part of August to the end of September, and is particularly valuable on this account; being unlike any other plant in bloom at that time. (See cut.) 25 cts. each; \$2.50 per doz.



ARMERIA MARITIMA

#### NEW HARDY ASTERS.

Beauty of Colwall. This is unquestionably one of the finest of the Michaelmas Daisies, of upright, free-branching habit, 3 to 4 feet high, and literally covered during September with semi-double flowers of ageratum-blue, a pleasing

Feltham Blue. One of the most decorative free-flowering blue varieties, a pretty shade of aniline-blue, produced on freely branched plants during August and September; 21/2 feet high.

Grandiflorus. Not a new sort, but one of the finest of all, and distinct in character and flower from all others. flowers, of a lovely dark bluish-violet, frequently measure 2 inches in diameter. It is the latest to flower—October and November—and by lifting the plants can be flowered in connection with Chrysanthemums, where its effect is very beautiful; 2 to 2½ feet high. 35 cts. each; \$3.50 per doz.

Novi-Belgii Climax. In this splendid new variety we have the most important addition to Michaelmas Daisies yet made, and we believe the forerunner of a distinct type. The plant is of strong, vigorous habit, over 5 feet high, fully one-half of which consists of much-branched pyramidical-shaped flower stems filled with light lavender-blue flowers, each 11 inches or more in diameter. It blooms from the latter part of August until themiddleof October. 50cts. each; \$5.00 per doz.

Novi-Belgii St. Egwin. A bright pink on strong bushes, 2½ to 3 feet high during September and October.

Thompsoni. One of the most beautiful large-flowered sorts yet introduced. The flowers are graceful, stellate form and of a pleasing Venetian-blue color; grows 15 to 18 inches high and blooms in July and August.

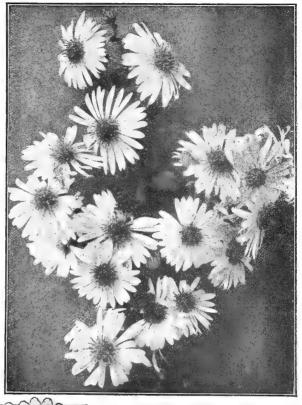
Price, except where noted, 25 cts. each; \$2.50 per doz. Set of 6 sorts for \$1.50.

#### JAPANESE DOUBLE WHITE HARDY ASTER.

This came to us unnamed from a Japanese nurseryman, and is entirely distinct from all other hardy Asters; the plants are of symmetrical habit, and grow about 2 feet high, and bear from July to September double white flowers not unlike the double white Feverfew. (See cut.) 30 cts. each; \$3.00 per doz.



HARDY ASTERS, OR MICHAELMAS DAISIES



ASTER NOVI-BELGII CLIMAX

#### FALL-FLOWERING HARDY ASTERS.

(Michaelmas Daisies, or Starworts.)

These are among the showiest of our late-flowering hardy plants, giving a wealth of bloom during September and October, a season when most other hardy flowers are past, and for the best effect should be planted in masses of one color. They grow freely in any soil.

The collection offered below is made up of the choicest varieties only, the weedy sorts being eliminated.

Boule de Neige. Very free; pure white; 21 feet.

Curtisi. Pale heliotrope; August and September; 3 feet.

Formosissimus. Bright violet; 3 feet.

JAPANESE DOUBLE WHITE

HARDY ASTER

Lævis floribunda. Light heliotrope; 4 feet.

Novæ angliæ. Bright violet-purple; 4 feet.

- Lil Fardell. Bright mauve; 4 feet.

- Roseus. Bright purplish-mauve; 4 feet.

Novi=Belgii Saphir. Soft sky-blue; 3 feet.

Peggy Ballard. A small semi-double lavender-blue; 4 feet.

Schoen Rottrout. Lively rose, tinted white, deepening towards the edge of the flowers.

Snowflake. Very free, pure white; 18 inches.

Tataricus. Distinct large bluish-violet; very late; 6 feet.

Price. Any of the above, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 12 varieties for \$1.50.

#### Summer-Flowering and Alpine Hardy Asters

We offer a splendid collection of these on page 204.

#### SUMMER-FLOWERING HARDY ASTERS.

The following grow from 12 to 15 inches high, and produce their showy flowers during July and August. Their free-flowering habit and compact growth makes them most desirable subjects for the front of the mixed border.

Acris. A neat variety, completely covered with violet-blue flowers. Amellus Beauty of Ronsdorf. Of a tender lilac-rose, perfect in form and entirely distinct.

- Perry's Favorite. A most distinct, bright, clear rose.

Preziosa. A fine deep violet-blue.

Ptarmicoides. White flowers, not large, but produced in great masses; fine for cutting.

25 cts. each; \$2.50 per doz. Set of 5 sorts for \$1.00.

#### DWARF ALPINE ASTERS.

Alpinus. Indispensable for the rockery or edge of hardy borders; grows 6 to 10 inches high and bears large, showy bluish-purple flowers in May and June.

- Albus. Identical to the above, but with pure white flowers.
- Nixe. A new variety with very large violet-blue flowers of ex-

ceptionally graceful form. 25 cts. each.

Sub-coeruleus. Forms a dense tuft of leaves, from which issue many leafless stems 12 inches high, bearing in June and July massive bluish-violet flowers 3 inches in diameter.

Price, except where noted, 20 cts. each; \$2.00 per doz. of 4 sorts, 75 cts.

Fall Flowering Hardy Asters are offered on page 203.

#### ASTILBE.

The varieties offered below are stately, hardy plants, and succeed best in rather heavy soil and where they will not suffer for lack of moisture.

Davidi. An important hardy plant. Its 5 to 6 feet high stems, which rise from a tuft of pretty dark-green foliage, are crowned with feathery plumes of deep rose-violet flowers during June and July.

**Grandis.** A grand species and a fine companion to A. Davidi, being of similar habit of growth, the panicles of white flowers frequently 2 to 23 feet long; the foliage is much divided and attractive.

Either of the above, 25 cts. each; \$2.50 per doz.





#### NEW HYBRID ASTILBES.

Hybrida Gruno. A splendid salmon-pink sort growing 4 feet high and producing light, graceful, spreading spikes of flowers, the finest pink Astilbe yet introduced. 50 cts. each.

Hybrida Moerheimi. A cross between A. Davidi and an unknown variety, with the strong, robust growth of the former, attaining a height of 5 to 6 feet. The well branched, erect spikes of flowers have a length of over two feet and are of a beautiful creamy-white. The originator and introducer, a prominent Holland grower was awarded a first class certificate for this novelty by the Royal Horticultural Society of Holland and considers this plant the most important hardy perennial introduced in many years. Strong plants, 75 cts. each.

Hybrida Salland, This is also a cross, with A. Davidi as one of its parents, which it resembles in habit of growth,

only much more vigorous, growing over 6 feet high and with flowers of a distinct red color, different from all others. 50 cts. each.

#### New Dwarf Astilbe, Simplicifolia.

This new dwarf species is a perfect gem for a damp spot on the rock garden, it grows but 4 to 5 inches high, with attractive, glossy bronzypurple foliage and tiny racemes of white flowers. 50 cts, each.

#### ASTILBE ARENDSI.

This new type is the result of crossing A. Davidi with A. Japonica compacta, astilboides and Thunbergi. The plants are very vigorous growth, 2½ to 3½ feet high, producing many-branched feathered heads of flowers in June and July. They prefer a half-shady, moist position in any ordinary garden soil. (See cut.)

Ceres. Delicate, light rose-colored flowers with peculiar silvery sheen. Pink Pearl. Bright silvery pink.

Salmon Queen. Graceful panicles of a heautiful salmon-pink.

Venus. Similar to Ceres, but of bright, deep violet-rose color.

Vesta. Very graceful plumes of light lilac-rose.

Price. Any of the above, 35 cts. each. One each of the 5 sorts for \$1.50.

Choice Mixed Seedlings, 30 cts. each; \$3.00 per doz.

## DREER'S SPECIAL CATALOGUE OLD-FASHIONED HARDY PLANTS

Gives complete alphabetical list of all the Hardy Plants we grow, with color, height, time of flowering, and whether suited for sun or shade. Also shows plans of Hardy Borders, prepared by a competent Landscape Architect.

# HENRY A DREER PHILADELPHIA PA HARDY PERENNIAL PLANTS.





#### BOLTONIA (False Chamomile).

Among the showiest of our native hardy perennial plants, with large, single, Aster-like flowers. The plant is in bloom during the summer and autumn months, and with its thousands of flowers open at one time produces a very showy effect.

Asteroides. Pure white; very effective; 5 to 7 feet.

Latisquama. Pink, slightly tinged with lavender; 4 to 6 feet. - Nana. Similar to the type, but growing only 2 feet high. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### CALIMERIS (Star Wort).

Incisa. An attractive plant for the border; grows 12 to 18 inches high, producing from July to September daisy-like, pale, lavender flowers, with yellow centre. 25 cts. each; \$2.50 per doz.

#### CALLIRHOE (Poppy Mallow).

Involucrata. An elegant trailing plant, with finely-divided foliage and large saucer-shaped flowers of bright rosy-crimson, with white centres, which are produced all summer and fall. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### CALTHA (Marsh Marigold).

Effective hardy perennials, of much value in marshy places and by the sides of streams and ponds; grow about a foot high and bloom in early spring.

> Palustris. Single bright yellow 15 cts. each; \$1.50 flowers. per doz.

Palustris Fl. Pl. Doubleflowering. 25 cts. each; \$2.50 per doz.

Palustris Semiplena. A new semi-double form and an improvement on both the single and double flowered varieties. 35 each; \$3.50 per doz.

#### BAPTISIA (False Indigo .

Australis. A strong-growing plant, about 2 feet high; suitable either for the border or wild garden, with dark green, deeply-cut foliage and spikes of dark-blue flowers in June.

Tinctoria. Spikes of bright yellow flowers in June; 2 to 21 feet.

15 cts. each; \$1.50 per doz.

#### BELLIS PERENNIS.

(English Daisy.)

Improved double flowering, white and pink. 75 cts. per doz.; \$5.00 per 100.

#### BLETIA.

Hyacinthina. A terrestial Orchid from China, with grass-like foliage and terminal racemes of showy rosy-pink flowers; grows about a foot high and succeeds best in a damp, shady position; requires the protection of a cold frame in winter. 30 cts. each; \$3.00 per doz.

### BOCCONIA (Plume Poppy, or Tree Celandine).

Cordata. A noble, hardy perennial, beautiful in foliage and flower, admirably adapted for planting in the shrubbery borders, centre of beds and in bold groups in almost any position. It will grow in any soil or situation, attaining from 6 to 8 feet in height; flowers in terminal panicles, of a creamy-white color during July and August. (See cut.) 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

SPECIAL CATALOGUE

OF

#### DREER'S OLD-FASHIONED HARDY PLANTS,

with plans of Hardy Borders, and much valuable information. Copies free on request.



BOCCONIA CORDATA

CALLIRHOE INVOLUCRATA

#### CAMPANULAS, or, BÉLLFOWERS.

Indispensable hardy garden flowers, of much variety of form, some being of tall and imposing habit, while others are dwarf, compact little plants, suitable for edging, rockwork, etc. They like a good rich soil, and last much longer in bloom if planted in a half-shady place. All of the taller-growing kinds should be staked to prevent injury from high winds.

Mrs. Ely, the author of "A Woman's Hardy Garden," says:

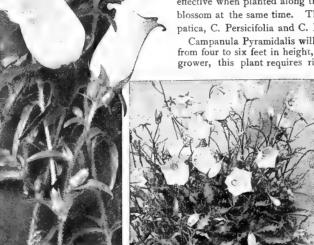
"The most satisfactory of the Campanula family is the single biennial variety known as Campanula Medium, or Canterbury Bells. In the spring a little fine manure and some bonemeal should be dug about each plant, and the stalks of bloom, which, if well cared for, will be nearly three feet in height. should be staked. If the flowers are cut immediately upon fading, the period of blooming can be prolonged to about six weeks." The Canterbury Bells are most effective when planted along the borders in front of early varieties of Phlox, which blossom at the same time. The best perennial varieties of Campanula are C. Carpatica, C. Persicifolia and C. Pyramidalis.

Campanula Pyramidalis will send up stalks to bloom by the middle of August from four to six feet in height, and continue to bloom for six weeks. Being a strong grower, this plant requires rich soil, and if liquid manure be applied around the

roots from the time the buds begin to form, the the number and size of the flowers will be greatly increased. A few of these plants grown in large pots make a beautiful decoration for terrace or piazza, well rewarding the time and trouble in raising them."

Carpatica (Carpathian Hair-Bell). A pretty species, growing in compact tufts, not exceeding 8 inches high; flowers clear blue, held erect on wiry stems. It begins blooming in June, continuing until October. As an edging for a hardy border or for the rockery it is unsurpassed.

**alba.** The white flowered form.



Campanula Medium (Canterbury Bells)

CAMPANULA CARPATICA

Glomerata (Clustered Bell-flower). Grows 18 inches high and produces from June to August dense clusters of funnel-shaped violet-blue flowers.

Glomerata Superba (New). Grows from 11 to 2 feet high and produces its large, showy violet-blue flowers from June to Aug. 25 cts. each; \$2.50 per doz. Grandis (Great Bell-flower). Very showy, large, saucer-shaped, rich violetblue flowers in May and June; 1½ feet. 25 cts. each; \$2.50 per doz.

Grosseki. Produces its dark-blue flowers all summer; 2 feet.

Lactiflora Cœrulea. Pale blue flowers during July and August; 21 feet. 25 cts. each.

Lactiflora Alba Magnifica (New). A splendid large-flowered form with milky-white flowers. 50 cts. each.

Latifolia Macrantha. Large purplish-blue flowers; May and June; 3 feet. Medium (Canterbury Bells). We can supply in blue, rose, white or in choice mixed colors; 3 feet.

Persicifolia (Peuch Bells). Blue flowers during June and July; 2 feet.

- alba. A pure white form of the above.

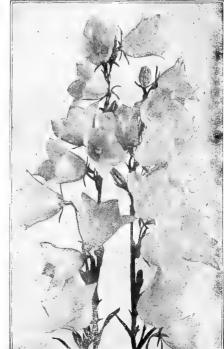
- Gigantea Moerheimi. A grand sort with spikes of double pure white camellia-like flowers, 2 to  $2\frac{1}{2}$  inches in diameter; in bloom from the middle of May till late in July. 25 cts. each; \$2.50 per doz.

Punctata. Large nodding bell-shaped flowers, white spotted, purplish-rose;

May and June; 1 foot. **Pyramidalis** (*Chimney Bell-flower*). The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high, crowded with large salver-like porcelain-blue flowers in August. 25 cts. each; \$2.50 per doz. Rotundifolia (Blue Bells of Scotland). This is the true Hare-bell, with

beautiful clear blue flowers from June till August; 1 foot.

Trachelium (Coventry Bells). Purple flowers; June and July; 3 feet. Price, any of the above, except where noted, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 17 varieties, \$3.00.



CAMPANULA PERSICIFOLIA (Peach Bells)



Mastacanthus (Blue Spiraa). A handsome hardy perennial; grows about 3 feet high and produces rich lavender-blue flowers in great profusion the whole length of its branches. A valuable plant either for bedding or pot culture; blooming continuously from early in September until cut by frost. (See cut.) 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### CASSIA (American Senna).

Marilandica. A plant growing from three to four feet high, bushy, with large panicles of bright yellow, curiously-shaped flowers in abundant axillary clusters from July to August. The beautiful pinnate light-green foliage is very pleasing. A very desirable plant. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### CENTAUREA (Hardheads, or Knapweed).

Of easy culture, delighting in an open, sunny position, producing a wealth of bloom, which not only makes a fine display in the border, but is excellent for cutting.

Hirta nigra variegata Variegated Button Weed). Variegated green and gold foliage, and during July and August purple flowers; 2 feet.

Distinct bright Dealbata. rose-colored flowers; July to September; 18 inches.

Macrocephala. Very large thistle-like golden-yellow flowers; useful for cutting and showy in the border; July and August; 31 feet.

Montana (Perennial Corn Flower). Grows 2 feet high, bearing large violet-blue flow-

ers from July to September.

- alba. Large white variety of the above.

15 cts. each; \$1.50 per doz. Set of 5 sorts, 65 cts.



CENTAUREA MONTANA



CARYOPTERIS MASTACANTHUS

#### CEPHALARIA.

(Roundheads.)

Alpina. A tall-growing plant, which, when fully established, attains a height of 6 feet, bearing in June and July delicate sulphur-yellow flowers, not unlike the flowers of Scabiosa.

25 cts. each; \$2.50 per doz.

#### CERASTIUM (Snow in Summer).

Tomentosum. A desirable low-growing plant with silvery foliage and white flowers in June, suitable for the rockery, or for carpeting dry, sunny spots, or for covering graves; can also be used with good effect in carpet bedding. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### CHAMÆLIRIUM.

Luteum. A useful plant for moist, shady positions, producing in Jure dense, cylindrical heads of small creamy-yellow blossoms. 25 cts. each; \$2.50 per doz.

#### CHELONE (Shell Flower).

Stately and handsome perennials, growing about 2 feet high, and bearing numerous spikes of large flower-heads during the summer and fall. Glabra Alba. Terminal spikes of creamy-white flowers. Lyoni. Heads of showy purplish-red flowers. (See cut.)

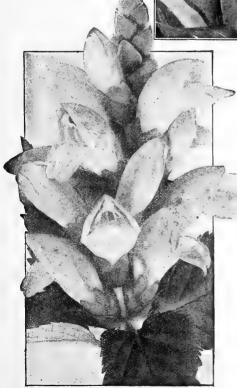
25 cts. each; \$2.50 per doz.; \$15.00 per 100.

#### DREER'S

SPECIAL CATALOGUE OF

### **OLD-FASHIONED HARDY PLANTS:**

Gives complete alphabetical list of all the Hardy Plants we grow, with color, height, time of flowering, and whether suited for sun or shade. Also shows plans of Hardy Borders, prepared by a competent Landscape Architect.



CHELONE LYONII

# Hardy Pompon Chrysanthemums

These are now universally popular for outdoor bedding, and, considering their many good qualities, there is no cause for surprise to see them cultivated so extensively. They produce a lavish profusion of blooms, giving color, life and beauty to the garden just at a time when other plants have been destroyed by

frost and are looking their worst. Frost does not materially affect the flowering, and it will frequently happen that an armful of flowers can be cut late in November. They are quite hardy if planted in a well-drained position, and, with a good covering of leaves or litter during the winter, will take care of themselves after once planted.

We offer two distinct sets, the small or so-called "Button" varieties, the other the larger flowering or "Aster" flowered type.

#### SMALL OR BUTTON VARIETIES.

Celco. Bright yellow shading to orange.

Golden Climax. A splendid golden yellow.

Iva. Very small, deep bronze. Klondike. Beautiful free yellow.

vndhurst. Very deep red. Maid of Kent. Rose, tinted white.

Model of Perfection. A fine white. Minta. Exquisite, delicate pink.

Nio. Shell-pink shading to white.

Skibo. Earliest of all, opens bronze passing to yellow.

Waco. Very fine white. Zenobia. Early, pure yellow.

10 cts. each; \$1.00 per doz.; \$6.00 per 100. Set of 12 sorts, \$1.00.

Fairy Queen. Bright pink. Lemon yellow with Globe d'Or. darker shadings. Julia Lagravere. Rich garnet.

Mrs. Porter. Bright bronze. President. Purplish crimson. Rufus. Crimson maroon.

ASTER-FLOWERED VARIETIES Sir Michael. Lemon. Soeur Melanie. Fine white. St. Illoria. Silvery rose. Sunshine. Golden yellow. The Hub. Very free white. S. Crimson maroon. | Victor. Rosy carmine. 10 cts. each; \$1.00 per doz.; \$6.00 per 100. Set of 12 sorts, \$1.00.



NEW DOUBLE MOONPENNY DAISY

# NEW DOUBLE MOONPENNY DAISY.

(Chrysanthemum Leucanthemum Flore Pleno.)

A double flowering Daisy of this type has long been sought for and is now offered in this English introduction, which in our trial grounds the past season proved very satisfactory. The white flowers, about 21 inches in diameter, are not unlike a double white Pyrethrum; the plant grows about 15 inches high and produces masses of bloom in June and July with a fair scattering of flowers through the balance of the summer and fall. 50 cts. each; \$5.00 per doz.

#### HARDY CHRYSANTHEMUMS.

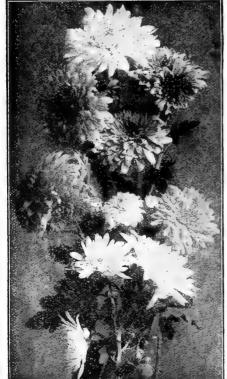
(Shasta Daisy, Etc.)

Arcticum (The Arctic Daisy). Among fall flowering perennials this is a perfect gem. It forms an attractive rosette-like clump of pretty dark green foliage, and in September multitudes of flower stems appear, terminated by pure white flowers from 2 to 2½ inches in diameter. These begin to develop during the last week in September and continue in good condition throughout October and frequently into November; 15 inches. 15 cts. each; \$1.50 per doz.

Shasta Daisy "Alaska." A decided improvement on the original; with blooms 4½ to 5 inches across, of pure glistening white. Very free-flowering and in bloom all summer and fall, illustrated on page opposite. 25 cts, each;

Mixed Shasta Daisies. Seedlings, all having large snowy-white flowers, in bloom continuously throughout the entire summer and fall. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Nipponicum. A Japanese species, grows 2 feet high with thick foliage, large, pure white flowers in September and October. 15 cts. each; \$1.50 per doz.



Pompon Chrysanthemums

#### CLAYTONIA.

(Spring Beauty.)

Virginica. A low-growing, early spring flowering native plant, producing clusters of light pink flowers. Succeeds best in a half-shady spot on the rockery. 15 cts. each; \$1.50 per doz.

#### SHRUBBY CLEMATIS.

This type of Clematis is deserving of the greatest popularity. They form erect bushes 2 to 3 feet high; during their long period of bloom they are very attractive.

Davidiana. A most desirable variety, with fresh, bright green foliage and tubular bell-shaped flowers of deep lavender blue during August and September; deliciously fragrant. 15 cts. each; \$1.50 per doz.

Heracleæfolia. Of the same general habit as above, but with lighter colored flowers. 25 cts. each; \$2.50 per doz.

Recta. One of the best hardy perennials, with handsome pure white flowers in very large, showy clusters during June and July; very effective. 25 cts. each; \$2.50 per doz.

> Recta Flore Pleno. Identical to the beautiful single-flowering type, except that the flowers are double and larger. We consider

this one of the most desirable perennials in our collection, and although introduced more than ten years ago,

> this plant is seldom offered for sale, owing to its being difficult to propagate. We offer strong

> > plants at 50 cts. each. One each of the 4 sorts for \$1.00.

Plans of Hardy Borders.

These are shown together with list of suitable plants in our Spe-Catalogue of Hardy Plants. Copies free on request.



Old-Fashioned Large-Flowering Hardy Chrysanthemums

We offer below 5 fine largeflowering varieties, which have proved absolutely hardy in this latitude, having withstood severe winter of 1911 without injury, and which will be found useful for garden decoration.

Autumn Glow. Rose crimson.

Indian. Indian-red. Old Homestead. Pink. Golden Queen. Yellow. Victory. White.

15 cts. each; \$1.50 per doz.; \$10.00 per 100. The set of 5 for 65 cts.

#### CIMICIFUGA (Snake Root).

Simplex. Most valuable by reason of its extreme late flowering, beginning in September and attaining full perfection about the middle of October, a time when flowers are scarce. Its flowering stems are from  $2\frac{1}{2}$  to 3 feet high, terminated with a dense spike of white flowers, which, when cut, last in perfection a long time. (See cut.) 50 cts. each; \$5.00 per doz.

Acerina or Japonica. A pretty Japanese variety, with white flowers; August and September; excellent for cutting; 21 feet.

Dahurica. Large cylindrical spikes of creamy-white flowers in September; 31 feet.

Racemosa. A handsome native species, bearing in July and August spikes of pure white flowers; well suited for planting at the back of the border or for naturalizing at the edge of the woods; 4 to 6 feet.

Price, except where noted, 25 cts. each; \$2.50 per doz. Set of 4 sorts for \$1.00.



CLEMATIS DAVIDIANA

SHASTA DAISY ALASKA

offered on page 208

#### CONVALLARIA. (Lily of the Valley).

Majalis. This is often starved and neglected and relegated to some poor, out-of-the-way corner; but this popular and fragrant subject, like most other plants, repays for being well treated; and if the bed is given a liberal top-dressing of well-decayed manure, in early spring, it will show the effect by increased size, number and vigor of the flowers. The stock we offer is strong clumps, especially suited for outdoor planting, which should be done before the end of April. 25 cts. each; \$2.50 per doz.; \$20.00 per 100.

#### COREOPSIS.

Lanceolata grandiflora. One of the most popular hardy plants. The flowers are a rich golden-yellow, of graceful form and invaluable for cutting; the main crop comes during the latter part of June, but it continues in bloom the entire summer and autumn. It succeeds everywhere; 2 to 3 feet.

Rosea. Finely-divided, dark green foliage, bearing in August and September numerous small pink flowers; useful in border or rockery; 1 foot.

Verticillata. Masses of small golden-yellow flowers in July and August, on neat plants with finely divided foliage; 2 feet.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### CORONILLA.

(Crown Vetch.)

Varia. A rampant creeper, with handsome globular heads of showy bright, pink and white Sweet Pea-shaped flowers; a useful plant for covering rough banks or for the rockery. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



CONVALLARIA (Lily of the Valley)

COREOPSIS LANCEOLATA GRANDIFLORA

#### DIANTHUS (Pinks).

**Deltoides** (Maiden Pink). A charming creeping variety, with medium-sized pink flowers in June and July; especially suited for the rock garden.

- Alba. A pretty white-flowered form.

Latifolius atrococcineus Fl. Pl. (Everblooming Hybrid Sweet William). A beautiful summer bedding variety, producing masses of brilliant fiery crimson-double flowers throughout the entire season.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

See also Hardy Garden Pinks, page 233, and Sweet William, page 240.

#### DICTAMNUS (Gas Plant).

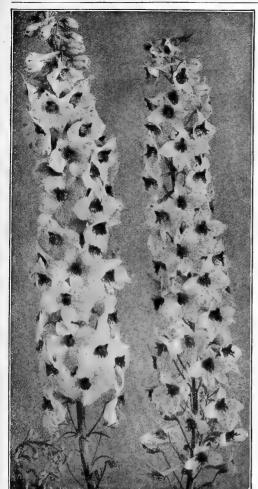
A very showy border perennial, forming a bush about  $2\frac{1}{2}$  feet in height, having fragrant foliage and spikes of curious flowers during June and July, giving off on warm, sultry evenings a fragrant volatile oil, which ignites when a match is applied to the stem directly under the head of flowers. They require a heavy, strong soil and an open, sunny position. It is not advisable to transplant often, as they improve with age, it being one of the most permanent features of the hardy herbaceous border. Instances are known where this plant has outlived father, son and grandson in the same spot. (See cut.)

Fraxinella. Showy rosy-pink flowers, with deeper veins. 15 cts. each; \$1.50 per doz.

- Alba. Pure white. 15 cts. each; \$1.50 per doz.
- Caucasicus. A gigantic form with flowers double the size of the type. 25 cts. each; \$2.50 per doz.

DICTAMNUS





NEW HYBRID DELPHINIUMS

## Choice Hybrids and Standard Varieties 0F

# Delphiniums or Hardy Larkspurs

The list below includes, in addition to the well-known and popular standard sorts, some of the finest hybrids yet introduced, selected from the collections of eminent English and Continental specialists.

Mrs. Ely, author of "A Woman's Hardy Garden," says:

"Perennial Larkspur may be planted as soon as the spring has opened. The ground should be well-drained and carefully prepared, but manure must not be allowed to come in contact with the roots, or grubs are apt to destroy the plants. A little finely ground bone meal dug around each plant early in May will be of benefit, and in late autumn coal-ashes should be sifted over the crowns of the plants to protect them from the white grub, which is their only enemy. The stalks being very tender the plants should be staked when they are about three feet high, to protect them from heavy wind. Larkspur begins to bloom about June 20th, and by cutting off the plants close to the ground, as soon as each crop of flowers has faded, a second and third crop of flowers will succeed. Each time the plants are cut a little bone meal should be dug about them."

Amos Perry. Semi-double flowers of a rich rosy-mauve flushed with sky blue and a conspicuous black eye. 35 cts. each; \$3.50 per doz.

Belladonna. The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by hard frost, The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Carmen. Semi-double flowers of a deep gentian-blue, the smaller petals in the centre rosy-plum with a deep brown eye. Individual flowers two inches across. 40 cts. each; \$4.00 per doz.

Chinense. A very pretty dwarf species, with fine feathery foliage and intense gentian-blue flowers in open panicles. 15 cts. each; \$1.50 per per doz.; \$10.00 per 100.

- Album. A pure white form of the above. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Formosum. The old favorite dark blue with white centre; 3 to 4 feet high. Very vigorous, free-flowering, and one of the best. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Julia. Gigantic flowers of a pretty cornflower-blue, beautifully veined with rose, large pure white eye, arranged on a most symmetrical spike. 35 cts. each; \$3.50 per doz.

King of Delphiniums. One of the most distinct of the newer hybrids; the plant is of remarkably strong growth, with flowers of gigantic size, semi-double and of a deep-blue . color, with large white eye. 60 cts. each; \$6.00 per doz.

Lamartine. Similar in habit of growth to Belladonna, but with rich gentian-blue flowers with white centre; very distinct and handsome. 30 cts. each; \$3.00 per doz.

Lizzie. Splendid azure-blue flowers 2 inches across, with bold yellowish eye arranged on massive stems. 35 cts. each; \$3.50 per doz.

Mme. Violet Geslin. Perfectly round semi-double flowers of a clear blue, with lavender centre and bold white eye which are evenly arranged on the 5 to 6 feet high spikes, a gem. 50 cts. each; \$5.00 per doz.

Moerheimi. This is the first really white hybrid Delphinium introduced, and is a decided acquisition. The plant is of strong, vigorous growth, 5 feet high, the lateral or side shoots 21 feet high. The flowers are of purest white, without the slightest shading; a free and continuous bloomer from June till frost. 30 cts. each; \$3.00 per doz.

Mrs. Creighton. Semi-double flowers, deep Oxford-blue, plum-colored centre with a large brown eye. One of the darkest. 30 cts. each; \$3.00 per doz.

Mrs. Thompson. Very free-flowering sort, with clear deep blue flowers with white eye. 30 cts. each; \$3.00 per doz.

Persimmon. Sky-blue flowers with white eye. Very strong, erect, branching spikes. 35 cts. each; \$3.50 per doz.

Queen Wilhelmina. One of the finest hybrids; immense flowers of a soft lavender-blue, flushed rose, with a very conspicuous white eye. 35 cts. each; \$3.50 per doz.

Rev. E. Lascelles. This grand new sort is one of the finest yet introduced, plant very strong, growing 6 feet high, immense very double flowers of a deep purple-blue with clear white centre. \$1.00 each.

One each of the above 17 varieties, a splendid collection, for \$5.50, or Three of each for \$15.00.

#### DREER'S SELECT GOLD MEDAL HYBRID DELPHINIUMS.

Unquestionably the finest strain of mixed hybrids offered. The original stock came from England, and consisted of the bestnamed varieties. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. We can supply them in mixture only. Price, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### DIELYTRA, OR DICENTRA.

Spectabilis (Bleeding Heart, or Seal Flower). An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive; it is used largely for forcing, and is perfectly at home in any part of the hardy border, and especially valuable for planting in the shade. May; 2 feet, (See cut.)

Formosa (Piumy Bleeding Heart). A dwarfer-growing species, with finely-cut ornamental foliage, growing about 15 inches high, and producing its showy pink flowers from April to August. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### DIGITALIS (Foxglove).

The Foxgloves, old-fashioned, dignified and stately, are wholesome company in any garden. The strong flowerstalks—frequently 4 to 6 feet high—rising from rich and luxuriant masses of leaves, always give an appearance of strength to the hardy border, and during their period of flowering dominate the whole garden.

Gloxiniæflora (Gloxinia-flowered). A beautiful strain of finely-spotted varieties. We offer them in White, Purple, Lilac, Rose or Mixed.

Ambigua, or Grandiflora. Showy flowers of pale yellow, veined brown; 2 to 3 feet.

Lanata. A distinct species, producing dense spikes, 2 to 3 feet high, of odd-looking flowers, the corolla being gray, the lip creamy white. 15 cts. each; \$1.50 per doz.; \$10.00 per 100. One each of the 6 colors, 75 cts.



DORONICUM

DIBLYTRA SPECTABILIS
(Bleeding Heart)

#### Draba (Whitlow Grass).

Androsacea. A pretty dwarfgrowing rock-plant, producing white flowers early in spring. 25 cts. each; \$2.50 per doz.

#### DORONICUM.

(Leopard's Bane.)

One of the most effective very early spring-flowering perennials. If placed in pots in the fall, they can readily be forced into flower during the winter months in the

conservatory or window garden. There are many who have only seen this as a single plant, here or there in a hardy border, and have no idea of the effect it has when planted in a mass. It is also a splendid flower for cutting, as it carries well and stands a long time in water, opening out morning after morning, to the surprise and delight of the possessor. They succeed everywhere, and should have a place in every garden.

Caucasicum. Very free-flowering, bright yellow; 12 inches.

Clusii. Rich yellow; 2½ to 3 inches across; 18 to 24 inches.

Excelsum. Large orange yellow; 31/2 inches across; 24 to 36 inches.

25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 3 varieties for 65 cts.

#### PLANS OF HARDY BORDERS.

These are shown together with list of suitable plants in our Special Catalogue of Hardy Plants. Copies free on request.





EUPATORIUM AGERATOIDES AND COLLESTINUM

#### ECHINOPS (Globe Thistle).

Ritro. Interesting and showy thistle-like plants with globular heads of deep metallic blue flowers, which can be dried and remain attractive for a long time; 2 to 3 feet. 25 cts. each; \$2.50 per

Sphærocephalus. Large heads of bluish white attractive flowers. 25 cts. each; \$2.50 per doz.

#### EOMECON (Eastern Poppy).

Chionantha. An interesting plant, growing about 2 feet high, with pure white poppy-like flowers, 2 inches across, flowering in spring. 25 cts. each.

#### EPINIEDIUM (Barren-wort, Bishop's Hat).

Dwarf-growing plants, 8 to 10 inches high, with leathery foliage and panicles of interesting flowers; the foliage of all the varieties offered below assumes the most beautiful tints of color in autumn.

Alpinum. Crimson and yellow.

Muschianum. Rosy red.

Niveum. Dwarf, early, pure white.

Sulphureum. Fine yellow.

Violacea. Rich violet.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Set of 5 sorts for \$1.00.

#### ERIGERON (Flea Bane).

Intermedium (Giant-flowered Flea-bane). A large-flowered variety, growing 2 feet high, producing showy, Daisy-like flowers about 2 inches in diameter, of delicate rose-tinted white color; flowering continuously during the summer months. 25 cts. each; \$2.50 per

Speciosus Roseus. Large rosy-pink flowers from June to August. 2 feet high. 25 cts. each; \$2.50 per doz.

#### ERYNGIUM (Sea Holly).

Handsome ornamental plants, growing from 2 to 3 feet high. Effective in flower and shrubbery border, woodlands, wild gardens, etc.; the flower heads, which are produced from July to September, are useful to cut for vases or to dry for winter bouquets.

Amethystinum. The finely-cut, spiny foliage and the beautiful thistlelike heads are cf glistening amethystine-blue. A most ornamental plant. (See cut.)

Maritimum. Deeply cut pale blue foliage and flowers. 25 cts. each; \$2.50 per doz.

#### EUPATORIUM.

Ageratoides (Thorough-wort). A useful border plant of strong, free growth, 3 to 3½ feet high, with minute white flowers in dense heads; splendid for cutting; August and September.

Cœlestinum. A pretty, hardy plant, with light blue flowers similar to the Ageratum; in flower from August until frost; 18 to 24 inches.

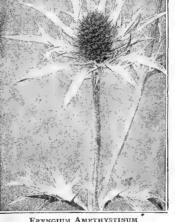
#### Purpureum Maculatum (Joe Pue

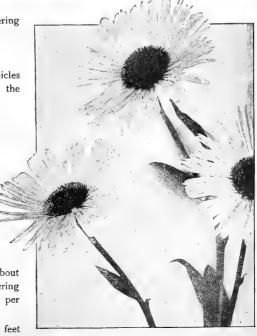
Weed). A deeply colored form of the purple Joe Pye Weed, a common native plant, useful in low ground.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

# DREER'S SUPERB **Hardy Phloxes**

We have the finest and most extensive collection of these in this country. See pages 230 and 231.





ERIGERON INTERMEDIUM





EUPHORBIA COROLLATA

#### EUPHORBIA (Milk Wort).

Corollata (Flowering Spurge). A most showy and useful native plant, growing about 18 inches high and bearing from June to August umbels of pure white flowers, with a small green eye; desirable for cutting. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Cyparissias. Grows from 10 to 12 inches high, and forms neat clumps with Cypress-like foliage, and during the month of May showy trusses of bright yellow flower-like bracts; very effective even when out of bloom. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Polychroma. Very beautiful and effective in spring, when it bears masses of chrome-yellow flower-like bracts; 2 feet. 25 cts. each; \$2.50 per doz.

### CHOICE HARDY FERNS.

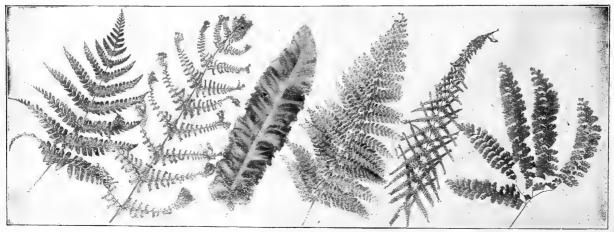
Suitable positions for Hardy Ferns are to be found in almost every garden. With few exceptions they do best in a shady or semi-shady position, in rich but well-drained soil, where they can be liberally supplied with water during dry weather. Where the soil is stiff or clayey, incorporate a liberal quantity of leafmould, peat or other loose material to make friable.

Varieties marked \* require a shady position. Those marked † succeed in the sun or half shade. We give after each variety the average height of growth in inches.

- Adiantum Pedatum (Hardy Maidenhair). 8 to 12. Aspidium Acrostichoides (Wood Fern). Marginale (Evergreen Wood Fern). 12 to 24.
- Goldieanum (Shield Fern). 24 to 36.
- Spinulosum.` 12 to 15.
- Asplenium Filix-fæmina. 10 to 12.
- Victoriæ (Queen of Lady Ferns). 12 to 15.
- Multifidum. 12 to 15.
- Pulcherimum. 12 to 15.
- Setigerum. 15 to 18. 15 to 18.
- — Cragil Laciniatum. 15 to 18. Goringianum Pictum. 10 to 15.
- Thelypteris. 15 to 18.
- Trichomanes. 3 to 6.
- Dicksonia Punctilobula (Gossamer Fern). 24 to 36.
- Lastrea Chrysoloba. 12
- Pseudo-mas Pinderi, 18 to 24. - Cristata. 12 to 15.
- Filix=mas (Male Fern). 18 to 24.
- Dilitata. 18 to 24.
- Cristata. 12 to 15. 50 cts. each. Propingua. 15 to 18.

- \* Lastrea Fluctuosa. 12 to 15.
- † Nephrodium Hertipes. 18 to 24.
- † Onoclea Struthiopteris (Ostrich Fern). 24 to 36.
- † Osmunda Claytonia (Flowering Fern). 24 to 36.
- † Cinnamomea (Cinnamon Fern), 24 to 36.
- + Palustris Undulata. 18. 50 cts. each
- Regalis (Royal Fern). 24 to 36.
- \* Phegopteris Hexagonoptera.
- † Polystichum Angulare Divisilobium. 15 to 18. 75 cts. each.
- Grandis. 15 to 18. 75 cts. each.
- Stipulatum. 15 to 18. 75 cts. each. condosa. 15. 75 cts. each. - Frondosa. 15.
- Angulare Multilobatum. 15 to 18. 50 cts. each.
  - Braunii. 12 to 15.
- Setosum. 12
- Scolopendrium Officinarum (Hart's Tongue). 12. 25
  - cts. each.
- Capitatum. 12. 50 cts. each.
- Digitatum. 12. 50 cts. each.
- — Undulatum. 12. 50 cts. each.

Price, except where noted, 20 cts. each; \$2.00 per doz.; \$15.00 per 100. Set of 41 sorts, \$10.00.



LASTREA

ASPLENIUM FILIX-FŒMINA MULTIFIDIA UNDULATUM

FILIX-FŒMINA VICTORIÆ

ADIANTUM PEDATUM

#### Little Gem Feverfew (Matricaria).

A most useful border plant and valuable summer cut flower, with large double-white flowers; June until October; 18 to 24 inches high. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### FUNKIA (Plantain Lily).

The plantain Lilies are among the easiest plants to manage; their broad, massive foliage makes them attractive subjects for the border even when not in flower. They succeed equally well in sun or shade.

Cœrulea. Blue, broad green leaves; June; 4 ft.

Fortunei Gigantea. A new variety, a cross between Sieboldiana and Fortunei, combining the very large, attractive foliage of the former with the rich glaucous coloring of the latter. A strong, vigorous grower, with large lilac-colored flowers. A fine ornamental border plant; July; 2½ ft. 50 cts. each; \$5.00 per doz.

Minor Alba. This is a perfect little gem, growing from 12 to 15 inches high with nice clean cut, green foliage and comparatively large pure white flowers, suggesting a giant form of the St. Bruno's Lily; these are produced very freely during July. 25 cts. each; \$2.50 per doz.

Lanceolata. Valuable by reason of its late-flowering, lilac flowers in September, 2 ft.

Robusta elegans variegata. The most robust of all the variegated-leaved varieties; foliage large, green, with pretty, white variegations; July; 21 ft. 25 cts. each.

Sieboldiana. Large green foliage; flowers white tinged with lilac; July; 21 ft.

Subcordata Grandiflora. Very large and showy; pure white, lily-shaped, fragrant flowers in August and September, 2½ to 3 ft.

Undulata media picta. Green and white variegated foliage; purple flowers. Makes a fine edging; July; 2 ft.

Price, except where noted, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 8 varieties for \$1.50.



GAILLARDIA GRANDIFI ORA



FUNKIA SUBCORDATA GRANDIFLORA

#### GAILLARDIA.

(Blanket Flower.)

Grandiflora. One of the show iest hardy plants, growing about 2 feet high and succeeding in any soil in a sunny position; beginning to flower in June; they continue the entire season. The large flowers are of gorgeous coloring. The centre is dark-red brown, while the petals are marked with rings of brilliant crimson, orange and vermilion, and often a combination of all in one flower; excellent for cutting. (See cut.) 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



FEVERFEW

#### GENTIANA.

Andrewsii (Blue Gentian).

A pretty native species, growing about 2 feet high; flowers fine blue; in August. 25 cts. each; \$2.50 per doz.

Scabra. A Japanese species, which comes into flower in October and continues well into November, a season when there are few outdoor flowers. 50 cts. each.

#### GERANIUM (Crane's Bill).

Fremonti. Large attractive foliage and rosy-purple flowers; 2 ft.

**Grandiflorum.** Pale lilac-blue flowers; 1 foot.

Platypetalum. Large rosy-purple flowers in June; 12 feet.

Sanguineum. A desirable plant; with pretty cut foliage and bright crimson flowers: blooms the entire season; 18 inches.

-Album. Pure white variety of above.

15 cts. each; \$1.50 per doz. Set of 5 sorts, 65 cts.

#### SPECIAL CATALOGUE OF

#### DREER'S OLD-FASHIONED HARDY PLANTS

With plans of Hardy Borders, and much valuable information. Copies free on request.





Pretty border plants, growing about 15 inches high, and producing showy, bright-colored flowers from May to July.

Coccineum. Brilliant scarlet flowers. 15 cts. each; \$1.50 per doz.

Mrs. Bradshaw. A new brilliant large double scarlet variety, fully double the size of the type, in bloom during the greater part of the summer and fall. 25 cts. each; \$2.50 per doz.

Miniatum, Perry's Variety. A splendid improvement on this brilliant rich orange-colored variety, and one of the earliest perennials to flower in spring. 50 cts. each.

#### GILLENIA (Bowman's Root).

Trifoliata. A strong-growing perennial; admirable for the border or for use in connection with shrubs, with handsome trifoliate foliage and numerous white flowers, tinged with pink; July; 3 feet. 25 cts. each; \$2.50 per doz.

#### GLECHOMA, OR NEPETA.

Variegata (Variegated Groundsel, or Ground Ivy). A most useful variegated creeper for growing over banks and stones in the rockery. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

## GUNNERA (Chilian Rhubarb).

Scabra. Probably the noblest of all hardy perennial decorative foliage plants, a well-grown plant attaining a height of 5 feet by 15 to 20 feet in diameter; but to produce a satisfactory growth it must receive liberal treatment. Very rich, deep, mellow soil is indispensable. Full exposure to the sun is advisable, but they should be sheltered from severe winds,

and must never suffer for the want of water. Ample winter protection should be provided. 50 cts. each.



ARUNDO DONAX, OR GREAT REED (Offered on opposite page)

#### HARDY BAMBOOS (Bambusa).

All the Hardy Bamboos grow best where the soil is rich, moist and well drained. They do not thrive in stiff, hard clay.

During the summer months it is advisable to mulch small or newly planted specimens until well established with a mixture of leaves, moss and manure. The mulch should not be removed, but rather added, on the advent of cold weather, and with species which have been untried in any locality they should get protection over the crowns in winter, because, while well-established plants might prove perfectly hardy, those which are in the process of becoming established are more likely to succumb to freezing weather. During the growing period the plants should receive an abundance of water.

Bamboos require a sheltered position—that is, a place in which the soft, tender shoots will not be whipped about by the wind.

They stand out most strikingly with a background of almost any of our native trees, with the possible exception of the willow, the leaves of which are too similar in outline to give a striking contrast. Nothing is more effective than a clump of Bamboos on the borders of ponds, lakes, or on the banks of streams, especially where there is rising land beyond.

Aurea. A distinct and beautiful species; grows 15 to 20 feet high, with straight yellowish stems and light green foliage. (See cut.) \$1.00 each. Auricoma. A dwarf golden variegated variety, which is very ornamental;

grows about 3 feet high. \$1.00 each.

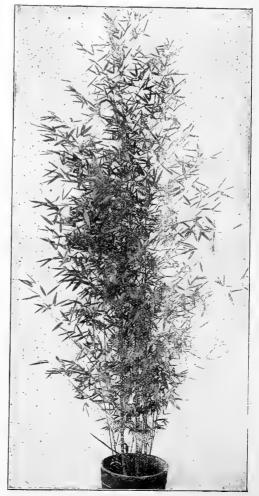
Fortunei Variegata. A handsome dwarf evergreen variety, with green and white variegated foliage; grows about 18 inches high, and makes an elegant subject for the rockery. 50 cts. each.

A graceful species, with shiny green foliage, of dense growth and much branched yellowish-green stems; 10 to 15 feet. \$1.00 each. Metake. A handsome evergreen species; 6 to 10 feet high; large deep green foliage. \$1.00 each.

Simoni. Height, 15 to 20 feet; leaves 8 to 12 inches long; erect, slender growth, branches in dense clusters. 75 cts. each.

Viminalis. A dwarf sort, 11 to 2 feet high, stems zigzag, dark green, sheaths purple, leaves 2 to 3 inches long, about an inch wide, ovate in 75 cts. each.

One plant each of the 7 Bamboos, an interesting collection, for \$5.00.



BAMBUSA AUREA

# Hardy Ornamental Grasses

The ornamental grasses, exclusive of the Bamboos, can be used with telling effect in borders, large beds, or by the margin of ponds and lakes. They are often used with small shrubs and medium-sized trees in wide borders. The Eulalias, planted singly on lawns where the soil is deep and rich, take care of themselves, and grow rapidly into large specimens. In large, round beds, with ornamental Grasses as the principal feature, the effect is heightened by the addition of such plants as Cannas or dwarfer flowering plants near the margin. The tallest of the Grasses is the Giant Reed (Arundo Donax). A small plant will soon establish itself and grow from 12 to 20 feet in height. In large, round beds this is the best of all the species for the central position. A less hardy form has variegated leaves growing 8 to 10 feet in height. It keeps its color well throughout the summer months. The Hardy Pampas (Érianthus Ravennæ) comes next in height to the green-leaved Arundo. It is not far behind the gorgeous Pampas (Gynerium) when in bloom. It attains a height of 10 to 12 feet under ordinary conditions. All of the Grasses, but especially the Arundo and Erianthus, do best when given a heavy soil, enriched with manure and an abundant supply of water. Eulalia Japonica Variegata and Zebrina are probably the handsomest of the variegated Grasses, growing 6 feet high, and as much in diameter; the variety E. Gracillima Univittata is a narrow-leaved species, with a light band down the centre of each leaf. Among the small-growing kinds, for a dwarf tufted border, Festuca Glauca has no equal.

Arrhenatherum bulbosum variegatum. A pretty dwarf tufted Grass; leaves green and white; 6 to 8 inches. 25 cts. each; \$2.50

Arundo Donax (Great Reed). A magnificent variety, growing to

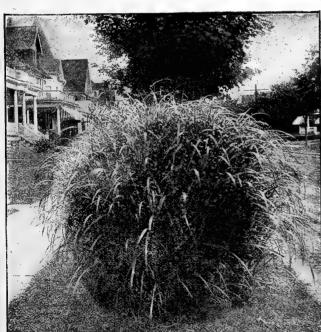
a height of 20 feet. 25 cts. each; \$2.50 per doz.

- Variegata. A beautiful variegated form.

and green; 8 to 10 feet. 25 cts. each; \$2.50 per doz. Elymus Glaucus (Blue Lyme Grass). A hand A handsome Grass, with narrow glaucous silvery foliage; well adapted for the border or the edge of beds containing taller sorts; 2 ft. 25 cts. each; \$2.50 per doz.

Erianthus Ravennæ (Plume Grass or Hardy Pampas). Grows from 10 to 12 feet high, frequently throwing up from 30 to 50 flower spikes. It closely resembles the Pampas Grass. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

Eulalia Gracillima Univittata (Japan Rush). Of graceful habit, with very narrow foliage; of a bright green color, with a silvery midrib; 6 to 7 feet. 25 cts.; each; \$2.50 per doz.; clumps, 50 cts. each.



EULALIA TAPONICA ZEBRINA



PENNISETUM JAPONICUM (Hardy Fountain Grass)

Eulalia Japonica. Has long narrow, graceful green foliage, and when in flower the attractive plumes are 6 to 7 feet high. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

Eulalia Japonica Variegata. Very ornamental; long, narrow leaves, striped green, white and often pink or yellow. 25

cts. each; \$2.50 per doz.; clumps, 50 cts. each. Eulalia Japonica Zebrina (Zebra Grass). blades of this variety are marked with broad yellow bands across the leaf. It makes a very attractive specimen plant for the lawn; 6 to 7 feet. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

Eulalia Japonica Zebrina Stricta. A more erectgrowing form of the Zebra Grass, with the transverse variegation of green and yellow appearing more pronounced; a desirable addition; 6 to 7 feet. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

Festuca Glauca (Blue Fescue). A pretty dwarf tufted Grass, with glaucous foliage; 8 to 10 inches. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Gynerium Argenteum (Pampas Grass). One of the most effective. Its silvery plumes are produced on stems 8 to 10 feet high. Well-established plants can remain in the open ground if protected. 50 cts. each. Specimen plants, \$1.00 each.

Molina Cœrulea. An elegant Grass for edging, not exceeding 6 inches in height, with pretty green and white variegated foliage, 15 cts. each; \$1.50 per doz.

Pennisetum Japonicum (Hardy Fountain Grass). This variety grows about 4 feet high; foliage narrow, of a bright green, while the cylindrical flower heads, carried well above the foliage, are tinged with bronze-purple, one of the most valuable hardy grasses. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Phalaris Arundinacea Variegata (Variegated Ribbon Grass, or Gardener's Garters). Large variegated foliage; an excellent grass for bordering large beds; 12 to 15 inches. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Uniola Latifolia (Spike Grass). One of the finest of our native Grasses, 3 to 4 feet high, with very ornamental flat heads in graceful drooping panicles. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.





GYPSOPHILA PANICULATA FL. PL.

GYPSOPHILA.

(Baby's Breath.) The Gypsophilas will thrive

in any soil in a sunny position,

and on account of their gracefully arranged large panicles of

minute flowers should be inevery

Acutifolia. A strong-growing species with large 2 feet high panicles of pure white small

flowers in July.

garden.

#### HELENIUM (Sneeze Wort).

All of these are desirable border plants, succeeding in any soil in a sunny location, with broad-spreading heads of flowers, useful for cutting, each species covering a long blooming season.

Autumnale Superbum. Golden-yellow flowers during the late summer and fall months; 5 to 6 feet.

- Rubrum. New bright terra-cotta red variety; August and September; 4 feet. 25 cts. each.

Hoopesi. Pure orange-yellow flowers, 21 inches across, and the earliest to flower, coming in early in June and continuing throughout July; 2 feet.

Pumilum Magnificum. A most useful perennial, about 18 inches high, and smothered with its golden-yellow blossoms all summer.

Riverton Beauty. Rich lemon-yellow, with large purplish-black cone; August and September; 4 feet. 25 cts. each.

Riverton Gem. Old-gold changing to wallflower-red. 25 cts. each. Price, except where noted, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 6 sorts, \$1.00.

#### HELIANTHEMUM.

(Rock, or Sun Rose.)

Exceedingly pretty, low-growing evergreen plants, forming broad clumps and which during their flowering season, July to September, are quite

hidden by a mass of bloom; well adapted for the front of the border, the rockery, or a dry, sunny bank. Choice mixed varieties, 25 cts. each; \$2.50 per doz.



Gypsophila Cerasticides on Rockery at Riverton

DREER'S SUPERB

# HARDY PHLOX

Our collection of these is unsurpassed. See pages 230 and

Cerastioldes. A fine variety for the rockery, growing but 3 inches high, and producing from June to August small white flowers marked with pink.

Paniculata. A beautiful old-fashioned plant, possessing a grace not found in any other perennial. When in bloom during August and September it forms a symmetrical mass 2 to 3 feet in height, and as much through, of minute pure white flowers, forming a beautiful gauze-like appearance. When cut it is exquisite in combination with other flowers.

Paniculata Flore Plena (Double-flowering Baby's Breath). This comparatively recent introduction is being grown by the tens of thousands to supply the leading professional decorators with most valuable material to use in connection with other cut flowers. The pretty little double rosette-like flowers are produced through the summer in large branching panicles 2 to 3 feet high, and are not only valuable for cutting for immediate use, but can be cut and dried, retaining their beauty for months, and in addition to its great value for cutting it is a most desirable plant in any hardy border. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

Repens. An elegant trailing plant for the rockery, with clouds of small white flowers in July and August.

Price. Any of the above, except where noted, 15 cts. each; \$1.50 per doz. Set of 5 varieties for 75 cts.



HELENIUM RIVERTON BEAUTY

#### HELIANTHUS (Hardy Sunflowers).

The perennial Sunflowers are among the most effective hardy plants for large borders for planting among shrubbery, or as clumps on the lawn. They are remarkably free-flowering, will succeed in any soil, and are invaluable for decorative purposes, or as cut flow ers during the summer and autumn.

Giganteus. A native variety with medium-sized bright canaryyellow flowers in September and October; 6 feet.

Maximiliani. The latest of all, perfecting its fine golden-yellow flowers in long, graceful sprays during October, when all others have finished flowering; invaluable for cutting; 5 to 7 feet.

Mollis. Large, single lemon-yellow flowers, with downy white foliage; blooms in August and Septem ber: 4 feet.

Multiflorus Fl. Pl. (Double Hardy Sunflower). Large, double Dahlia-like golden-yellow flowers in great profusion during July and August; 4 feet. (See cut.)

Multiflorus Maximus. A gigantic single variety, growing from 5 to 6 feet high, producing immense single goldenyellow flowers from 6 to 8 inches across from July to August; one of the finest.

Orgyalis. A tall variety, 6 feet high, with medium-sized single golden-yellow flowers during September.

Rigidus Japonicus. One of the most desirable varieties, beginning to bloom early in July and continuing until fall; flowers golden-yellow, with dark centres; 5 feet.

Sparsifolius. Grows from 6 to 8 feet high and produces during August and September very large, gracefully formed flowers on long stems. One of the best for cutting.

Wolley Dod. The best of the September-flowering varieties, with deep yellow flowers; entirely distinct; 6 feet.

Price. Any of the above, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. One each of the 9 sorts for \$1.00.



#### HELIOPSIS (Orange Sunflower).

Similar in general habit to Helianthus, but commencing to flower earlier in the season; July and August; of dwarfer habit, rarely exceeding 3 feet in height; very valuable for cutting.

Pitcheriana. A desirable variety, beginning to flower early in the season and continuing the entire summer. The flowers are of a beautiful deep golden-yellow, about two inches in diameter, of very thick texture and a useful cut flower.

> Pitcheriana Semi=plena. A semi-double form of the above.

> Scabra Zinniæflora. A new double-flowering form of the Orange Sunflower, growing about 24 inches high, and producing golden-yellow flowers closely resembling a Zinnia in form; flowers during July and August; desirable for cutting. (See cut.)

Price. Any of the above, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### **HELIOPSIS SCABRA "EXCELSA."**

A new variety with very rich chrome-yellow flowers turning to a bright yellow as they mature. These are almost double, having from 4 to 5 rows of petals, and are produced very profusely. The plant is of robust growth, about 3 feet high, and from mid-July to the end of August makes an effective display. 30 cts. each; \$3.00 per doz.

### HELLEBORUS (Christmas Rose).

Most valuable hardy plants on account of yielding with utmost freedom in very early spring, a season when flowers are scarce, their beautiful, large-two or three inches across-blossoms. They succeed in any ordinary garden soil in a sheltered semi-shady situation; 12 to 15 inches. 35 cts. each; \$3.50 per doz.



#### HEMEROCALLIS (Yellow Day Lily).

Popular hardy plants belonging to the Lily family. They succeed everywhere, and should always be included in the border of old-fashioned hardy plants.

Aurantiaca. Large, trumpet-shaped, pleasing neutral orange color, tube, stamens and reverse of petals bright Indian-yellow, sweet scented, 3 to 4 feet high; June and July. 25 cts. each; \$2.50 per doz.

Aurantiaca Major. One of the finest flowers; color throughout a rich Indianyellow; 2 to 3 feet; June and July. Requires protection in winter. 25 cts. each; \$2.50 per doz.

**Dumortieri.** Very dwarf; 18 inches; flowering in June; rich cadmium-yellow; buds and reverse of petals bronze-yellow.

Flava (Yellow Day Lily). The best known variety; very fragrant, deep lemon-yellow flowers in June and July; height, 2½ to 3 feet.

Florham. A strong grower, 3 to  $3\frac{1}{2}$  feet high, large trumpet-shaped flowers; rich golden-yellow, with Indian-yellow markings; June and July. 25 cts. each; \$2.50 per doz.

Fulva (Tawny Day Lily). Grows from 4 to 5 feet high, with trumpet-shaped flowers of a neutral orange color with darker shadings; June and July.

Gold Dust. Of a bright Indian-yellow color; buds and reverse of petals bronzygold;  $2\frac{1}{2}$  feet high; May and June.

Kwanso Fl. Pl. Large double orange flowers, with darker shadings; July and August; 4 to 5 feet.

Queen of May. A splendid new hybrid variety, producing flower stems from from 3 to 5 feet high, which are terminated with from 12 to 18 flowers of largest size of a rich Indian-yellow color. The flowers begin to develop in May, and continue for nearly two months; perfectly hardy. 35 cts. each; \$3.50 per doz.

**Thunbergi.** The latest to flower; rich buttercup-yellow, funnel-shaped flowers throughout July; 4 feet.

Price: Any of the above (except where noted), 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 10 varieties, \$1.75.

#### Hemerocallis Citrinia.

An introduction from China of very strong growth, about 4 feet high, with exceptionally large pale lemon-yellow flowers, which are produced with remarkable freedom. A well-established clump makes an attractive display for six weeks in summer. 50 cts.

each.



HESPERIS (Sweet Rocket)



HEMEROCALLIS (Day Lily)

HEUCHERA (Coral Bells)

## HEPATICA (Liver Leaf).

**Triloba.** A pretty native spring-flowering plant, with pretty blue flowers. 15 cts. each; \$1.50 per doz.

#### HERNIARIA (Turk's Herb).

Glabra. A closely tufted moss-like plant, well adopted for the rockery or for carpet bedding, succeeding in the poorest soil. Small greenish flowers; the dark green foliage turns to a deep red in winter. 25 cts. each; \$2.50 per doz.

#### HESPERIS (Sweet Rocket).

Matronalis. A strong-growing perennial, forming stout, bushy plants 3 to 4 feet high, with showy terminal spikes of pink flowers

during June and July. 15 cts. each. \$1.50 per doz.

#### HEUCHERA (Alum Root, or Coral Bells).

Most desirable dwarf, compact, bushy plants of robust constitution and easy culture. growing  $1\frac{1}{2}$  to 2 feet high, and bearing during July and August loose, graceful spikes of flowers in the greatest profusion; excellent subjects either for the border or rockery, and of great value for cutting.

**Gracillima, Perry's Variety.** A greatly improved form of this type with flowers of a more brilliant crimson color, arranged in loosely-branching, airy panicles. 50 cts. each; \$5.00 per doz.

Pluie de Fue. Bright raspberry-red; very free.

Sanguinea. Bright coral-red.

- Alba. Creamy-white. | Virginal. Creamy-white.

Price, except where noted 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 5 sorts for \$1.25.

# HENRY A DREER PHILADELPHIA PA PA HARDY PERENNIAL PLANTS.



New Giant-flowering Marshmallows (Hibiscus).

A wonderfully improved form of our greatly admired native Marshmallow or Rosemallow, in which not only the colors have been greatly intensified, but in which flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. These plants can be highly recommended for all

kinds of plantings. They appear to be equally at home in all positions, having the same vigor in dry and wet ground and are perfectly hardy. They grow from 5 to 8 feet high, and are very floriferous, blooming from early in July until late in Autumn. We offer three distinct colors-Red, Pink and White-in strong two-year-old roots, 35 cts. each; \$3.50 per doz.; \$25.00 per 100. One each of the three colors for

#### HIBISCUS (Mallow).

A desirable border plant, succeeding in any sunny position, but doing best in a damp place; grows 3 to 5 feet high, with large foliage and large, showy flowers of delicate coloring, produced during the entire summer.

Mallow Marvels. A robust type of upright habit, producing an abundance of flowers of enormous size in all the richest shades of crimson, pink and white; mixed colors. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Moscheutos (Swamp Rose Mallow). Flowers 6 inches in diameter; of a light rosy-red color, with

- "Crimson Eye." Flowers of immense size, of the purest white, with a large spot of deep velvety crimson in the centre.

Price, except where noted, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### HIERACIUM (Hawk-weed).

A low-growing, rapid-spreading plant, Aurantiacum. adapted for dry, sandy spots, or for covering steep slopes. The bright, orange-red flowers are borne in flat heads.

A bright colored form of the above. 15 cts. each; \$1.50 per doz.



#### DREER'S SUPERB HOLLYHOCKS

Stately, majestic, hardy plants, from 6 to 8 feet high, which are a necessary part of every old-fashioned garden, and should also find a place interspersed with shrubbery, as clumps on the lawn or in the mixed border, where their colossal spikes of bloom produce bold and showy effects, which cannot be secured with any other flowering plant.

The Hollyhock requires a deeply dug, well-drained soil, enriched with thoroughly decayed manure, and should be liberally supplied with water during dry weather. A slight protection throughout the winter will be beneficial. An occasional spraying with Bordeaux mixture, which should be applied early in the growing season, usually prevents the disease, which is prevalent in some localities. We offer the best Double, Fringed and Single sorts as under:

Double White. Double Yellow. Double Maroon. Double Rose. Double Red. Double Mixed.

20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Newport Pink. A charming variety, which originated in one of the famous gardens at Newport, R. I., and for which we were awarded a certificate of merit by the Royal Horticultural Society of London in 1912. It is of strong, vigorous habit, producing colossal spikes , of very double pure pink flowers, a shade that is eagerly sought for in all classes of plants. 25 cts. each; \$2.50 per doz.

Allegheny. Mammoth flowers, wonderfully formed of loosely arranged fringed petals, which look as if made from the finest China silk. The colors vary from the palest shrimp-pink to deep red. The plants are of strong growth, sending up spikes 6 to 7 feet high; mixed colors. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Single. Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. We can supply in mixed colors only. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.



Double Hollyhocks





HYPERICUM MOSERIANUM

### Houstonia (Bluets, Quaker Lady or Innocence).

Serpyllifolia. A low creeper, best adapted to grow on a rockery in moist situation, where it forms broad carpets of foliage, which in very early spring is hidden beneath a cloud of small but showy lightblue flowers. One of the earliest spring flowers. 15 cts. each; \$1.50 per doz.

#### HYPERICUM (St. John's-wort).

Adpressum. A native variety, growing in dense masses, which makes it useful as a ground cover, particularly in damp places; 6 to 8 inches. 15 cts. each; \$1.50 per doz.; \$8.00 per 100.

Moserianum. A most desirable border plant, of free and graceful habit, producing long, slender, much-branched stems, leafy to the base and all drooping towards the ends, apparently from the weight of the flowers and buds, although the flowers face, so that none of their beauty is lost. It is marvellously free-flowering, of large size, measuring from 2 to  $2\frac{1}{2}$  inches in diameter; in color a rich golden-yellow, which is rendered still more effec-

tive by the numerous yellow stamens and crimson anthers, and blooms continuously the entire season; 2 feet. (See illustration.) Strong plants, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### IBERIS (Hardy Candytuft).

Most desirable dwarf plants (8 to 10 inches) with evergreen foliage, which is completely hidden with dense heads of flowers early in the spring. Little Gem. Very dwarf and covered with a sheet of white, a particularly fine rock plant.

Sempervirens. Innumerable flat heads of pure white flowers.

Snowflake. A grand variety, having exceptionally large and pure white flowers, and borne in great masses during May and June.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

### INCARVILLEA (Hardy Gloxinia).

One of the choicest perennial plants. It produces large gloxinia-like rose-colored flowers during May, which last in perfection a long time; these are produced in clusters on stems 18 inches high; succeeds in sun or shade, but should be protected with a covering of leaves during the winter. 15 cts. each; \$1.50 per doz.

#### INULA (Flea Bane).

Effective free-flowering plants for the hardy border, blooming from June to August.

Ensifolia. Very free-flowering, yellow; 18 inches.

Montana. Very free-flowering; yellow flowers; 13 feet.

Oculus-Christi. Large golden flowers, with dark centres; 2 feet.

Royleana. Large golden-yellow flowers;  $1\frac{1}{2}$  to 2 feet.

25 cts. each; \$2.50 per doz. Set of 4 varieties, 85 cts.

#### VARIOUS IRIS.

We offer below some of the very finest species and varieties.

Cristata. A dainty native species 3 inches high, rich amethyst-blue; May. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Cuprea or Fulva. A distinct, almost evergreen species, about 2 feet high, with rich coppery-orange colored flowers late in June. 25 cts. each; \$2.50 per doz.

Gracilipes. A variety from Japan growing about 8 inches high, which when established produces in May masses of delicate lilac-shaded flowers which are much admired. 25 cts. each; \$2.50 per doz.

Ochroleuca Gigantea. A noble species growing 4 feet high, with large, pale yellow flowers. 35 cts. each; \$3.50 per doz.

— Aurea. Golden-yellow. 35 cts. each; \$3.50 per doz.

Pallida foliis variegatis. Conspicuous on account of its beautifully variegated foliage, which is of a glaucous green, with broad bands of creamy-yellow, every leaf being well marked. It is of free growth, and when well established attains a height of 2 feet, and is very-attractive. Flowers of a soft, pale lavender. 50 cts. each; \$5.00 per doz.

Pseudacorus. The common yellow Water Flag, suitable for marshes and water courses; May and June; 4 feet. 15 cts. each; \$1.50 per doz.

Sibirica. Purplish-blue flowers, 3 feet high; useful for cutting. 15 cts. each; \$1.50 per doz.; \$10.00. per 100.

Alba. White veined pale lilac. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Orientalis. Rich violet-blue; very free and one of the best; June; 3½ feet. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.
— Snow Queen.

variety possesses all the merits of the type, differing only in color, which is an ivory-white. 15 cts. each; \$1.50 per doz.; \$12.00 per 100.

Spuria Mrs. A. W. Tait (Longipetala Superba). A distinct and handsome species. Flowers soft porcelain-blue, with very long pale blue falls, illuminated with a goldenyellow blotch at the base; June; 4 feet. 50 cts. each; \$5.00 per



INCARVILLEA DELAVAYI



IRIS PALLIDA FOLIIS VARIBGATA

#### NEW GERMAN IRIS.

A splendid collection of the latest introductions, embracing not only new colors but improved forms.

A striking novelty, with flowers of perfect King of Iris. form, the standards clear lemon-color, falls deep satinybrown, with a broad border of golden-yellow.

Lohengrin. Foliage and flowers of gigantic size, the flowers nearly 5 inches deep, with petals 2 inches wide, are of a deep violet-mauve.

Loreley. Perfect shaped flowers, falls of a deep ultramarine blue, more or less veined with creamy-white and bordered sulphur-yellow; the standards are a pale sulphuryellow, making a beautiful contrast.

Mithras. Flowers of good size, standards pale yellow, falls violet, shaded with claret and yellow border.

Nibelungen. Standards fawn yellow, falls violet-blue with fawn margin; distinct and pretty.

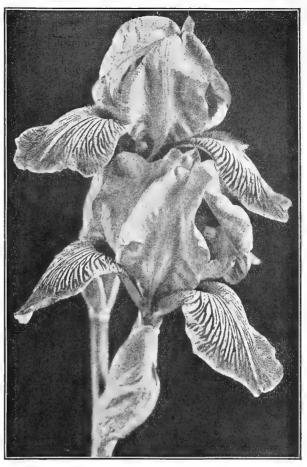
Princess Victoria Louise. Standards pure sulphur-yellow; falls rich plum color, with cream-colored edges. A new and distinct combination of colors.

Rhein Nixe. Standards pure white, falls deep violet-blue, with white margin; will attain a height of 3 feet, with many-branched stems.

Price, 50 cts. each. Set of 7 sorts for \$3.00.

# RARE GERMAN IRIS Black Prince or Black Knight

We offer a limited stock of the true type of this rare but not new, beautiful Iris, which is known by both of the above names. Standards are of an intense deep violet-blue, the falls velvety purple. \$1.00 each; \$10.00 per doz.



GERMAN IRIS

#### GENERAL COLLECTION OF

#### DREER'S RAINBOW GERMAN IRIS (Iris Germanica).

The German Iris are among the most desirable and easiest grown of our spring-flowering hardy plants, producing in May their showy flowers of exquisite coloring, combining the richest and most delicate tints. For best results plant in a well-drained, sunny position, barely covering the roots. Avoid fresh manure in preparing your border.

Blue Boy. Standards and falls a beautiful lavender-blue. Celeste. Standards and falls a delicate azure-blue.

Cherion. Standard lilac-mauve; falls violet-mauve.

Edith. Standards bright plumbago-blue; falls purple. Florentina Alba. Very free-flowering white.

Gazelle. White frilled rich mauve.

Honorabilis, Standards golden-yellow; falls rich mahoganybrown.

Johan de Witt. Standards bluish-violet; falls deep violetpurple; veined with white.

La Tendresse. Ageratum-blue throughout.

Lord Salisbury. Standards amber-white; falls dark violet-

Maid Marion: Standards lavender; falls lavender reticulated

Maori King. Standards golden-yellow; falls chocolate-veined white and edged yellow. 25 cts. each; \$2.50 per doz.

Mme. Chereau. Standards and falls pure white; daintily edged with light blue.

Mrs. H. Darwin. Standards white, falls reticulated violet.

Ossian. Standards straw-yellow; falls bluish-violet.

Pallida Dalmatica. One of the finest of the Germanica type, of strong, vigorous habit, growing in good soil 4 feet high, with exceptionally large, fragrant flowers; standards lavender, falls lavender shaded blue; exquisite in every way and fine for massing. 25 cts. each; \$2.50 per doz.; \$20.00 per 100.

Pallida Speciosa. Standards dark lavender, falls light purple; very free-flowering. 25 cts. each; \$2.50 per doz. **Plicata.** Standards and falls bright violet-purple.

Plumeri. Standards rose-mauve, with metallic sheen; fallsvinuous-mauve.

Queen of May. Lovely soft rose-lilac. 25 cts. each; \$2.50 per doz.

Rembrandt. Standards light lavender, falls deeper.

Shakespeare. Standards straw-yellow, veined with burnt umber; falls deep carmine-violet.

Spectabilis. Light and deep violet-purple.

Tinnæ. Deep argeratum-blue.

Walneri. Standards lavender, falls purple-lilac.

Price. Any of the above, except where noted, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 25 varieties for \$3.00.

#### GERMAN IRIS MIXED VARIETIES.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

### DREER'S IMPERIAL

JAPANESE IRIS

(Iris Kæmpferi)

The improved forms of this beautiful flower have placed them in the same rank popularly as the Hardy Phloxes and Pæonies. Coming into flower about the middle of June and continuing for five or six weeks, they fill in a period when flowers of this

attractive type are particularly welcome.

They succeed in almost any soil and position, but respond quickly to liberal treatment. They like rich soil and plenty of water when they are forming their buds and developing their flowers.

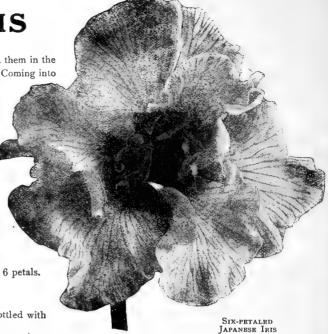
We offer one of the choicest collections, each one distinct and desirable. Valuable as cut flowers, for which purpose they should be cut in the bud state, permitting the blooms to expand after being placed in water.

Order by name or number.

- No. 2 Tora-odori. White, faintly traced with violet. 4 Yomo-no-umi. A fine, free-flowering early creamy white, 6 petals.
  - 5 Koki-no-iro. Light violet-purple with white veins, 6 petals. 9 Oniga-shima. Bright violet-purple, 6 petals.
- 11 Hano-no-nishiki. Bright violet, white veinings.
  12 Shippo. Light lilac, densely veined with purple.
  14 Shishi-ikari. White ground densely veined and mottled with
- dark violet-purple.

  15 Gekka-no-nami. Very early pure white.

  20 Kumo-funjin. White, with a broad border of magenta
- lilac, 6 petals.
- 25 Senjo-no-hora. Evenly variegated throughout with white and crimson purple, 6 petals.
- 31 Rinho. Rich, lively purple with white veinings, 6 petals.
- 40 Kanarinishiki. Greyish-white, marbled violet, 6 petals.
  43 Shi-un-ryo. Greyish-white, deeply and densely veined
- and suffused with violet. 44 Yoshimo. Creamy white, delicately veined with violet,
- 6 petals.
- 55 Shuchiukwa. Crimson-purple, with large white veins and centre



- 62 **Misutmoshito.** Violet-purple, marbled with white. 72 **Uji-no-hotaru.** Bright violet purple shaded with blue,
- 6 petals.
- 77 Yayaura. White, marbled with light violet.
- 83 Washi=no=wo. A mottled, violet-purple, shading to bright violet, 6 petals.
- 87 Kabata. Rich plumbago blue, 6 petals.
- 96 Tebotan. White ground with violet blue veinings.
  100 Yomo-zakuru. Light ground color, densely veined and suffused reddish-purple.
- 107 Tokyo. The finest pure white, 6 petals.
- 109 Hosokawa. Rich purple with white veining, 6 petals. 110 Nitari. White, overlaid with rosy purple.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Sets of 25 sorts for \$5.00.

# IMPERIAL JAPANESE IRIS IN MIXTURE.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### IRIS INTERREGNA.

An interesting new type, the result of crossing I. germanica with I. pumila hybrida, and for which there promises to be a great future. They bloom earlier than the german Iris, and the flowers combine perfection of form with large size and clear and decided colors. The foliage is dwarf and maintains its freshness The flower stems are about 18 inches high, holding the throughout the season. flowers well above the foliage.

Fritiof. Standards light lavender-blue, falls satiny violet-blue.

Helge. Light citron with pearl-colored centre. A beautiful soft shade.

Ivorene. A fine large flowered creamy-white.

25 cts. each; \$2 50 per doz. Set of 3 varieties for 65 cts.

#### IRIS PUMILA HYBRIDA.

A cross between I. pumila and I. Germanica. Very showy. Early flowering. 10 to 12 inches high.

Cyanea. Rich royal purple with blackish shadings.

A splendid pale lemon-yellow. Excelsa.

Schneekuppe. A large, showy, pure white.

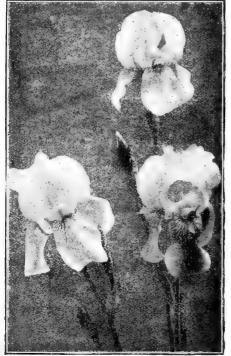
20 cts. each; \$2.00 per doz. One of each for 50 cts.

#### GERMAN IRIS.

We offer a splendid list of the finest new and standard sorts. See page 223.

#### MISCELLANEOUS IRIS.

An interesting list of species will be found on page 222.



IRIS INTERREGNA



### LIATRIS (Blazing Star, or Gay Feather).

Showy and attractive native plants, succeeding anywhere, producing large spikes of flowers in July and August.

Pycnostachya. Spikes of light rosy-purple flowers; 5 feet. Scariosa. Deep purple flowers in spikes 3 to 4 feet high.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### LINDELOFIA,

Longifolia. Grows about 2 feet high and produces blue Forget-Me-Not-like flowers during May. 25 cts. each; \$2.50 per doz.

#### LINUM (Flax).

Perenne. A desirable plant for the border or rockery, growing 2 feet high, with light, graceful foliage and large blue flowers all summer. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### LITHOSPERMUM (Gromwell).

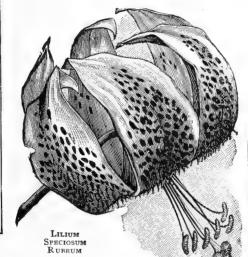
Prostratum. An elegant creeping plant for the rockery, bearing lovely small blue flowers from April to September. 25 cts. each; \$2.50 per doz. - Heavenly Blue. A new and beautiful turquoise-blue variety. 50 cts. each.

#### LOBELIAS.

Handsome border plants, thriving in any ordinary garden soil, but preferring a moist, deep loam, where they will not suffer from drought. Few plants are more effective at their season of bloom, which extends from early in August till late in September.

Cardinalis (Cardinal Flower). Rich, fiery cardinal flowers; strong plants, often producing 10 to 18 spikes, 24 to 30 inches long. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Syphilitica hybrida (Great Lo-A choice selection of our native Lobelia, producing large spikes of flowers varying from blue to pure white; July to September; 2 to 3 feet. 15 cts. each; \$1.50 per doz; \$10.00 per 100:





LIATRIS

Vera. This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### LILIUM (Lily).

All herbaceous borders should have a few Lilies scattered through them. The sorts offered below can be planted with excellent results during the early spring months. It is in the hardy border that Lilies do best, as they get the benefit of the shade of the surrounding plants, which is so necessary for their welfare; other varieties should be planted in the autumn, and are offered in our autumn catalogue.

Auratum (Gold-banded Lily). Large graceful flowers, composed of six petals of a delicate ivory-white, thickly studded with chocolate-crimson spots and striped through the centre a golden-yellow. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Speciosum Album. Large white flowers of great substance, with a greenish band running through the centre of each petal. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

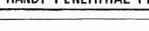
Speciosum Rubrum, or Roseum. White, heavily spotted with rich, rosy-crimson spots. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Speciosum Magnificum. Rich, deep red, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Superbum (American Turk's Cap Lily). A beautiful native variety, bright reddishorange, spotted; 3 to 6 feet; August. 12 cts. each; \$1.25 doz.; \$8.00 per 100.

Tigrinum Splendens (Tiger Lily). Very large flowers; orange, spotted black. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.



LOBELIA CARDINALIS





LIPINUS POLVPHYLLUS

#### Lupinus Polyphyllus (Lupine).

Effective plants, producing large spikes of flowers. Mrs. Ely says of them: "May be planted either in the autumn or early spring. These plants bloom from about the 20th of May for three weeks, and grow about 3 feet high. Being perfectly hardy and free from attacks of insects, they are especially valuable. They require only well prepared garden soil and to be kept watered in dry weather, which should always be done, if possible, late in the afternoon."

Polyphyllus. Clear blue. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

- Albus. A white variety of above. 25 cts. each; \$2.50 per doz; \$15.00 per 100.
- Moerheimi. A comparatively new variety and a plant that, on account of its clean bold growth, always attracts attention. The spikes of flowers are frequently over a foot long, in color superb, being a combination of light and dark shades of pink without a trace of magenta. 35 cts. each; \$3.50 per

#### LYSIMACHIA.

Ciliata (Fringed Loose Strife). Grows 2 foot high; yellow flowers in July.

**Clethroides** (*Loose-strife*). A fine hardy variety about 2 feet high, with long, dense, recurved spikes of pure white flowers from July to September. (See cut.)

Fortunei. A neat variety, growing about 18 inches high, with dense, upright spikes of white flowers in August.

Nummularia (Creeping Jenny, or Moneywort). Valuable for planting under trees or shrubs where grass will not grow, where it quickly forms a dense carpet, 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

Punctata. Plants 2 to 3 feet high, with yellow flowers during July and August.

Price, except where noted, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### LYCHNIS (Campion).

All of the Lychnis are of the easiest culture, thriving in any soil, and this, in addition to their brightness, has brought them into high favor with lovers of hardy plants. Perhaps no class of plants has more common or popular names, of which the following is but a partial list: Campion, Jerusalem Cross, Lamp Flower, Maltese Cross, Ragged Robin, etc.

**Chalcedonica.** A most desirable plant, heads of brilliant orange-scarlet in June and July; grows 2 to 3 feet high. (See cut.)

Chalcedonica Fl. Pl. A double-flowering form, producing immense heads of vermilion-scarlet flowers, far exceeding in brilliancy the brightest Geraniums; 2 to 3 feet high, flowering in June and July. A gem for cutting, and one of the showiest border plants. 25 cts. each; \$2.50 per doz.

Haageana. Brilliant orange-scarlet flowers in May and June; 12 inches.
Vespertina, Double White. Large double-white flowers, produced in the greatest profusion the entire summer; 18 inches high. 25 cts. each; \$2.50 per doz.

Viscaria, Double Red. Forms a dense tuft of evergreen foliage, and

in June sends up spikes of handsome, double, deep red, fragrant flowers; 1 foot.

**Price**, except where noted, 15 cts. each; \$1.50 per doz.

Set of 5 varieties for 75 cts.

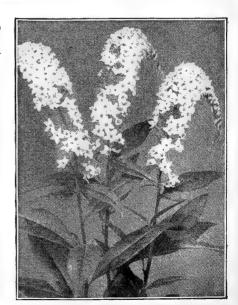


These attracted much attention in our trial grounds last spring and early summer by their large, showy flowers, which are fully  $1\frac{1}{2}$  inches in diameter and produced very freely on plants 8 to 12 inches high.

**Grandiflora.** Large fringed apricot colored flowers.

Grandiflora Alba. Pure white. Senno. Brilliant crimson.

35 cts. each. One each of the three sorts for \$1.00.



Lysimachia Clethroides

LYCHNIS CHALCEDONICA

#### LYTHRUM.

Alatum. An uncommon species, grows about 2 feet high, with crimson-purple flowers from June to September. 25 cts. each; \$2.50 per doz.

Roseum Superbum (Rose Loose-strife). A strong-growing plant, 3 to 4 feet

high, thriving in almost any position, producing large spikes of rose-colored flowers from July to September. 15 cts, each; \$1.50 per doz.; \$10.00 per 100.

Roseum, Perry's Variety. A splendid improvement, with much larger flowers

and longer spikes than the type, and of a glistening cherry-red color. 25 cts. each; \$2.50 per doz.

Virgatum. Soft rosy-purple flowers. 25 cts. each. \$2.50 per doz.

#### MARSHALLIA.

Trinervis. A useful plant for a shady, damp spot, of neat habit, about 15 inches high, bearing freely from June to August heads of white flowers, tinted flesh. 25 cts. each; \$2.50 per doz.

#### MERTENSIA (Blue Bells).

Virginica. An early spring-flowering plant, growing about 1 to  $1\frac{1}{2}$  feet high, with drooping panicles of handsome light blue flowers, fading to clear pink; one of the most interesting of our native spring flowers; May and June. 15 cts. each; \$1.50 per doz.

#### MONARDA (Bergamot).

Showy plants growing from 2 to 3 feet high, succeeding in any soil or position, with aromatic foliage, and producing their bright flowers during July and August.

Didyma Cambridge Scarlet (Oswego Tea). Brilliant crimson-scarlet.

-Rosea (Bee Balm). A pretty rose-colored form.

-Salmonea. Salmon-rose color, very distinct.
-Violacea. Bright amaranth-red.

Fistulosa Alba (Wild Bergamot). A whiteflowered variety.

15 cts. each; \$1.50 per doz.; \$8.00 per 100. The set of 5 varieties, 65 cts.

### MYOSOTIS (Forget-Me-Not).

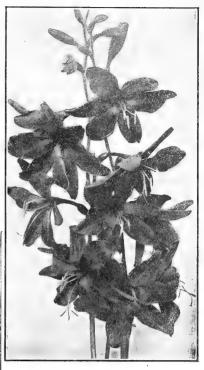
Palustris Semperflorens. A variety that is hardly ever out of flower; useful in a shady spot in the border and for forcing for cut flowers in the winter.

Alpestris robusta grandiflora. The large spring-flowering Forget-Me-Not, with intense sky-blue flowers, bright and attractive.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.



Monarda Didyma



Montbretia

#### MONTBRETIAS.

The Montbretias are one of the brightest of our summer-flowering bulbs, and deserve to be planted extensively. bulbs thould be set out during April or May, 3 to 6 inches apart in clumps of a dozen or more. They should be protected during the winter with a heavy covering of leaves or litter.

Aurantiaca. A fine deep orange. Crocosmiæflora. Deep goldenorange; fine.

Etoile de Feu (Star of Fire). Bright vermilion; yellow centre-Germania. Rich, glowing orange-scarlet, with blood-red throat.

Rayon d'Or. Yellow and brown.
Rheingold. A new robust growing variety with flowers of a rich golden yellow, shading lighter towards the centre which is marked with crimson-brown blotches. These are fully  $1\frac{1}{2}$  inches in diameter of unusual heavy texture, and borne on stout, erect stems making them a desirable cut flower. 20 cts. each; \$2.00 per doz. Speciosa. A splendid golden yellow.

Price, except where noted, 30 cts. per doz.; \$2.25 per 100.

#### ENOTHERA (Evening Primrose).

The Evening Primroses are elegant subjects for growing in an exposed, sunny position, either in the border or on the rockery, blooming the greater part of the summer.

Cæspitosa. Large, pure white, changing to rose; 1 foot.
Fruticosa Pallida. A variety which originated with us, flowers of

a clear creamy white; 18 inches.

Missouriensis. Large golden yellow; 1 foot. Pilgrimi. Large clusters of bright yellow flowers.

Pure white flowers 3 inches across; 18 inches. Speciosa.

15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 5 varieties for 65 cts.

#### OROBUS (Bitter Vetch).

Lathyroides. Little known spring-flowering plants, well worthy of extended cultivation and succeeding in any soil or position. Excellent for the border or rockery, forming erect, shapely plants a foot high, covered during May and June with spikes of bright blue pea-shaped flowers. 25 cts. each; \$2.50 per doz.

Vernus. Flowers purple, veined with red. 25 cts. each; \$2.50 per doz.



ŒNOTHERA SPECIOSA

# DREER'S FRAGRANT PAEONIES



DOUBLE HERBACEOUS PEONY

Couronne d'Or. Immense ball-shaped blooms, snow white with golden yellow stamens and delicate carmine markings on the central petals.

Dr. Caillot. A very striking brilliant Tyrian-rose late flower-

Edulis Superba. Deep rose-pink with lighter shadings. The earliest variety in our collection. 35 cts. each; \$3.50 per

Felix Crousse. The ideal self-colored bright red Pæony. Francois Ortegat. Brilliant crimson; one of the richest dark varieties

Festiva Maxima. This truly superb variety is considered the finest white in cultivation.

La Tulipe. Very large, globular flowers, flesh-pink shading to ivory-white, centre petals tipped carmine; one of the best. L'Indispensable. Immense flowers of a delicate lilac pink

with darker shading towards the centre. Mme. Boulanger. A very choice variety of a soft lilac tinted

white, petals of great substance. 75 cts. each; \$7.50 per doz. Price, except where noted, 50 cts. each; \$5.00 per doz.

The old-fashioned Pæony officinalis in our grandmother's garden, while still popular because of their early flowering, have been eclipsed by the wonderfully improved sorts introduced in recent years. They are the "Queen of Spring Flowers," and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubbery border, where their brilliant hues add attraction to all around. Their requirements are so simple-a good, rich, deep soil, and an open, sunny position; which, however, is not absolutely necessary, as they thrive almost equally as well in a partly shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest Roses in coloring and fragrance, and produce during their flowering season a gorgeous effect not equalled by any other flower. They are perfectly hardy, requiring no protection whatever, even in the most severe climate, and once planted increase in beauty each year.

An important point to observe in the planting of Herbaceous Pæonies is not to plant too deep, The roots should be placed so that the crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowering.

#### EIGHTEEN FINEST HERBACEOUS PÆONIES.

Albert Crousse. Very large convex blooms of perfect outline, of an even delicate sea-shell pink, a striking flower. 75 cts. each.

Asa Gray. Bright lilac, sprinkled with minute dots of deeper lilac in such a manner as to appear

dusted on; very large.

Augustin D'Hour. Brilliant dark red with slight silvery reflex.

Mme. Calot. One of the best early sorts, large flowers of a pale hydrangea-pink. Very delicate when cut in bud state.

Mme. de Verneville. Broad sulphur white guard petals and compact white centre, touched carmine.

MIle. Leonie Calot. Large full flowers; color a delicate soft salmon-flesh, occasional petals tipped carmine.

Marie Lemoine (Lemoine's). Extra large, late, free-flowering ivory white.

Mons. Jules Elie. Probably the largest flowered; color pale lilac-rose with silvery reflex. \$1.00 each; \$10.00 per doz.

President Taft. A very large and beautiful cup-shaped flower of a uniform soft lilac-pink, the centre marked with carmine, a tall strong grower and one of the freest flowering. \$1.00 each; \$10.00 per doz.

One each of the set of 18 varieties for \$7.50.

#### STANDARD VARIETIES, DOUBLE HERBACEOUS PÆONIES.

Andre Lauries. Deep Tyrian-rose.

Berlioz. Large, compact flower, light carmine-rose tipped silver. Charlemagne. Lilac-white with a slight blush centre.

Canary. Pure white guard petals with amber white centre.

Delachei. Deep crimson-purple.

Duke of Wellington. An ideal cut flower variety; color

sulphur-white, quite fragrant.

Duchesse de Nemours. Sulphur-white changing to pure

Particularly beautiful in the half-open bud state. Edouard Andre. Semi-double flowers of dark carmine-violet with metallic reflex, and golden yellow stamens.

Grandiflora Rosea. Light solferino-red, centre petals lighter

shaded salmon.

Louis van Houtte. Rich dark crimson, developing a slight silvery tip as the flowers age.

L'Eclatante. Very large, showy, brilliant red flowers. Lady Bramwell. A beautiful silvery-rose of fine form,

Marie Jacquin. Flowers semi-double, almost pure white with yellow stamens. Very aptly named "Water Lily Pæony."

Meissonier. Guard petals brilliant purple-red, centre deep crimson.

Mons. Krelage. Deep currant or solferino-red with amaranthine centre.

Ne Plus Ultra. Semi-double, pure mauve.

Princess Galitzin. Pale lilac-rose, centre of bloom composed of many narrow thread-like creamy white petals.

Queen Victoria. Pure white with creamy white centre. Rosea Elegans. Pale lilac rose with creamy white centre.

Victoire Modeste. Bright lively violet rose with salmon centre.

Price, 25 cts. each; \$2 50 per doz.; \$18.00 per 100. Set of one each of the 20 varieties, \$4.00. Double Herbaceous Pæonies in Mixture, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### PÆONIA OFFICINALIS.

This type is the old-fashioned "Pæony," and comes into bloom from ten days to two weeks ahead of the sorts on opposite page. All are strong growers, with large, full, double, fragrant flowers

Mutabilis Alba. Blush white, deepening to rose.

-Rosea. Bright rose-pink.

**Rubra.** Brilliant, glowing, deep crimson. 30 cts. each; \$3.00 per doz. One of each for 75 cts.

#### PÆONIA TENUIFOLIA FLORE PLENO.

(Fern-leaved Paeony.)

Interesting and handsome, not only on account of their rich crimson double flowers, which resemble in color the Gen. Jacqueminot Rose, but the fine, feathery foliage makes a handsome ornamental plant. 30 cts. each; \$3,00 per doz.

#### PACHYSANDRA.

Terminalis. A trailing plant, 6 to 8 inches high, forming broad mats of bright, glossy green foliage and small spikes of flowers during May and June; invaluable as a cover plant either in sun or shade. 15 cts. each; \$1.50 per doz.; \$12.00 per 100.

#### PARDANTHUS (Blackberry Lilv).

Sinensis. Lily-like flowers of bright orange during July and August on 2½ feet high stems, followed in September with seeds which resemble blackberries; will grow and do well in any soil in a sunny location. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### Papaver Orientale (Oriental Poppy).

These are the regal representatives of this popular genus, growing 3 to 3½ feet high, and far surpassing in splendor of bloom all the annual and biennial kinds, and for a gorgeous display of rich and brilliant coloring nothing equals them during their period of flowering in May and June, and whether planted singly or in masses their large flowers and freedom of bloom renders them conspicuous in any position. They are of the easiest culture; almost any kind of soil suits them, but they do best in deep, rich loam; set the plants out in fall or early spring before the first of May-give them water occasionally during dry spells in the early part of the season; mulch with stable litter in fall, and they will increase in size and floriferousness for several years. After flowering the plants die back, usually reappearing in early September, or as soon as the weather gets cool. During this resting period care should be taken in cultivating the beds that the roots are not disturbed, any disturbance at this time usually resulting in failure. We offer the following distinct varieties:

Goliath. Fiery scarlet.

Mahony. Dark crimson maroon, shaded mahogany.

Mrs. Perry. Salmon-rose.

**Oriflamme.** A large, gorgeous orange-scarlet. **25** cts. each; \$2.50 per doz. Set of 4 varieties, 75 cts.

Finest Mixed Seedlings, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



PERRY'S WHITE ORIENTAL POPPY

#### NEW ORIENTAL POPPIES.

Perry's White. Unquestionably the most important addition to the list of hardy perennial plants made in a number of years, we offered it for the first time last year and those who planted and flowered it were much pleased. It is the most distinct break in Oriental Poppies that has yet been made, the flowers being of a pure sating white with a crimson-maroon blotch at the base of each petal.

Perry's Pigmy. Another distinct development which is undoubtedly the forerunner of a new race of Oriental Poppies, the flowers of this novelty are no larger than those of the Iceland Poppy, but the form is typically that of the Oriental and in color a pleasing soft salmon-rose.

Lady Frederick Moore. The flowers of this delightful variety are of a beautiful shade of clear salmon-pink with a very conspicuous black blotch at the base of each petal, and measures seven inches across.

**Price.** Any of the above 3 new varieties, 50 cts. each; \$5.00 per doz. One each of the three sorts for \$1.25.

#### PAPAVER NUDICAULE (Iceland Poppy).

The plant is of neat habit, forming a tuft of bright green fern-like foliage, from which spring, throughout the entire season, a profusion of slender leafless stems 1 foot high, each graced with charming cup-shaped flowers. We offer them in three colors, viz., white, yellow and orange-scarlet, or in mixture. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

# DREER'S SUPERB HARDY PHLOXES

Hardy Phloxes have long been one of our leading specialties, and we are now the largest growers in the world of this important hardy plant. We offer below collections of the finest sorts, while on the following pages will be found selections of the very best large-flowering standard varieties, also a very complete list of the new Phlox Arendsi, Suffruiticosa, Subulata and miscellaneous species and varieties.

The following cultural notes were written especially for this book by Mrs. Ely, the author of "A Woman's Hardy Garden."

"Probably the most satisfactory of all perennials is the Phlox, and a good space in proportion to the size of the garden should always be given these plants.

If the early and late varieties are chosen, and the heads of blooms are cut off as soon as the blossoms have faded, the Phlox should blossom from the middle of June until ice has formed.

The ground where Phlox is to be planted should be trenched fully two feet in depth, and may be planted in the autumn from the 1st to the 15th of October, so that they may become well rooted before winter; otherwise it should be set out as soon as the frost leaves the ground in the spring, as growth begins very early.

Whether planted in spring or fall, a mulch of old manure thrown around the roots will be of benefit to the plants.

Phlox should be set out eighteen inches apart, and if kept well watered will produce both individual blossoms and heads of bloom far larger than otherwise, and amply repay the extra trouble.

In October, after three seasons of flowering, the Phlox should be lifted, the ground again trenched and enriched, the plants separated into bunches of three or four stalks each, and then reset.

Occasionally in warm, moist summers, Phlox is attacked by mildew. But if, upon the first sign of its appearance, the leaves of the plants are well sprinkled and afterwards plentifully dusted with powdered sulphur, the disease will be arrested. In November, after the stalks of the Phlox have been cut, a litter of leaves may be spread over the plants for winter protection.

The best effects to be had with Phlox are produced by planting masses of each color, not less than six and even as many as two dozen or more plants of one color together. For example, a border of Phlox may be planted, beginning with palest pink and shading up to dark cherry; then pure white, and white with a red eye, and more white, then a quantity of red and again white at the ends. If in another border the shades of purple are planted with occasional bunches of white, the Phlox will be the pride of the garden."

#### DREER'S COLLECTION OF

#### "FIFTEEN FINEST" HARDY PHLOX.

We grow each season more than half a million plants of Hardy Phloxes in over one hundred varieties, and while all of the sort offered are well worth growing, we realize that the average amateur only wishes a limited number of sorts, but wants these to be the best. It is to meet this want that we offer below what we consider to be the fifteen most desirable sorts, the best in their respective colors and each one of which is a strong grower, with immense panicles of large individual blooms, and strictly first class in every way.

**Astrild.** Dense trusses of medium-sized flowers of a brilliant cochineal-carmine, shading deeper towards the centre.

B. Comte. Brilliant rich French purple.

Elizabeth Campbell. Very bright salmon-pink, with lighter shadings and dark red eye; attracts more attention in our fields than any other variety; one of the handsomest. Illustrated on plate facing page 231.

Europa. A white variety, with a decided crimson-carmine eye.

The individual flowers and trusses are very large; entirely distinct; of remarkable sturdy, erect habit. Illustrated on plate facing page 231.

Gefion. A new color in Phloxes, a tender peach-blossom pink with bright rose eye, flower and truss very large, on erect sturdy but compact stems.

**Grideur.** Ground color soft mauve-rose, heavily suffused and overlaid with a lively deep shade of cerise, giving the whole a beautiful mottled appearance.

Ingeborg. New this season, and the most brilliant Phlox yet introduced, in color a rich vermilion-red with a lively suffusion of orange-salmon intensified by a small purplish-crimson eye. The individual flowers are of large size, being fully 1½ inches in diameter, and are produced in just properly filled, not overcrowded, much branched panicles. The plant is a strong, healthy grower, of medium height, We consider this novelty really first class, and certain to become a leader. 50 cts. each; \$5.00 per doz.

Mrs. Jenkins. The best all round pure white.

Rynstrom. A great improvement on the popular variety Pantheon; of the same carmine rose color as the Paul Neyron Rose. Shown in color on plate opposite.

**Rheinlander.** A most beautiful salmon-pink with flowers and trusses of immense size. The color of the flower is intensified by a very decided deep claret-red eye.

Riverton Jewel. One of our own introductions, which it gives us great pleasure to recommend. It is a lovely shade of mauve-rose, illuminated by a brilliant carmine-red eye.

Thor. A most beautiful and lively shade of deep salmon-pink, suffused and overlaid with a scarlet glow. A light, almost white halo surrounds the aniline red eye. This lovely variety will hold the same place among the deep salmon pinks that the popular Elizabeth Campbell holds among the light salmon-pink sorts. Shown in color on plate opposite.

Tragedie. The richest color in the collection. A brilliant, rich deep carmine with blood-red eye.

Wanadis. Entirely distinct, a mottling of white and light violet. The color is intensified by a bright reddish-purple eye. A strong grower, producing trusses of immense size. Shown in color on plate opposite.

W. C. Egan. One of the finest Phloxes yet introduced, with flowers frequently 1\(^3\) inches in diameter, and while the individual flower, according to color chart, is a delicate lilac, illuminated by a large bright solferino eye, the color effect as a whole is a pleasing shade of soft pink. An enthusiastic writer in one of the horticultural journals says: "There never was a sweeter color." Illustrated on plate facing page 231.

Prices. One each of the six sorts shown in colors and illustrated on the reverse of plate opposite for \$1.00.

One each of the nine sorts not illustrated for \$1.75.

One each of the complete collection of the "Fifteen Finest" for \$2.50.





#### DREER'S SUPERB

#### HARDY PHLOXES.

#### General Collection.

Note.—The three varieties illustrated on the plate opposite are offered on page 230.

Albion. A strong, vigorous grower, producing very large panicles of pure white flowers, with a faint red eye.

Antonin Mercie. Light ground color, one-half of each petal suffused bluish-lilac.

Bacchante. Tyrian-fose with crimson-carmine eye. Bridesmaid. Pure white, with large crimson-carmine eye.

Baron van Dedem. Brilliant cochineal-red with salmon shadings. Champs Elysee. A bright rosy-magenta; very effective.

Crepuscule. White suffused lavender, purple eye.

Danton. Scarlet, with purple red eye.
Diadem. A fine dwarf, pure white.
Eclaireur. Brilliant rosy-magenta, with large lighter halo.

Eugene Danzenvillier. Lilac, shading white at the edges. Frau Anton Buchner. The largest pure white.

Frau Rosalie Wildt. Soft, pleasing mauve-rose, with carmine eye. General van Heutsz. Brilliant salmon-red with light centre.

H. O. Wijers. Pure white, with crimson-carmine eye. Henry Marcel. Pure red, with bright salmon shading.

Henry Murger. White, with crimson-carmine centre; a beautiful variety

Henry Royer. Tyrian-rose, with lighter shadings; dwarf.

Jeanne d'Arc. A good late-flowering pure white.

Jules Cambon. Bright rosy-magenta, with large white centre and

light halo.

L'Evenement. Orange-scarlet overlaid with salmon-pink.

La Vague. Pure mauve, with aniline-red eye.
Louise Abbema. Very large dwarf, pure white.
Manzelbrunnen. A large bright, soft pink with a large white eye.

Mme. Paul Dutrie. Delicate lilac-rose in shade like a soft pink Orchid; flowers very large, borne in immense panicles.

Obergartner Wittig. Bright magenta, with crimson-carmine eye; large flowers and truss; the best of its type.

Pantheon. Uniform bright carmine rose, very effective.

Pierre Bayle. Crimson-carmine, overlaid with orange-scarlet. Professor Virchow. Bright carmine overlaid with brilliant orange-scarlet.

R. P. Struthers. Bright rosy-carmine, with claret-red eye. Rosenberg. Bright reddish violet with blood-red eye.

Siebold. A splendid bright scarlet; one of the best reds.

Sunshine. Aniline-red, with crimson eye and light halo. Von Hochberg. Richest crimson-purple.

Von Lassburg. Splendid pure white with very large individual flowers. Widar. Bright reddish-violet, with very large white centre,

which intensifies and illuminates the color. Price. Any of the above varieties, 15 cts. each; \$1.50 per

doz.; \$10.00 per 100. One each of the General Collection, 36 varieties, for \$4.00.

#### Early Flowering Hardy Phloxes (Phlox Suffruiticosa.)

While this type does not contain the rich colors which are a feature of the other well-known sorts, it is invaluable on account of coming into bloom in May, or fully six weeks earlier than the others, and continuing throughout the season.

Clouded Gem. White suffused with rose.

Hercules. Bright rosy-lilac.

Mrs. Dalrymple. White, shaded rose; scarlet eye. Miss Lingard. A grand white variety; lilac eye; large indi-

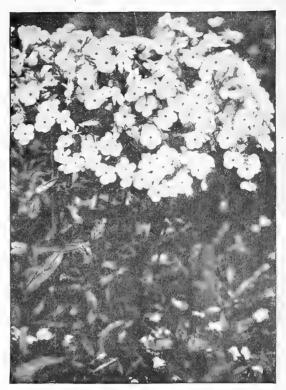
vidual florets. Price, 20 cts. each; \$2.00 per doz.; \$15.00 per 100

## PHLOX SUBULATA (Moss, or Mountain Pink).

An early spring-flowering type, with pretty moss-like ever-green foliage, which, during the flowering season, is hidden under the masses of bloom. An excellent plant for the rockery, the border, and invaluable for carpeting the ground or covering graves.

Alba. Pure white.
Atropurpurea. Purplish-rose. | Lilacina. Light lilac.
Nelsoni. Pure white. Rosea. Bright rose.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.



NEW HARDY PHLOX ARENDS

#### A NEW RACE OF

#### HARDY PHLOXES.

(Phlox Arendsi.)

At the great International Exhibition held in London, May, 1912, where this new type of Phlox received an Award of Merit no other new plant in the Hardy Perennial class attracted such great attention. It originated through the successful crossing of the early-flowering popular Phlox Divaricata Canadensis with the showy hardy varieties of Phlox Decussata. The plants are of vigorous, branching habit, growing, according to the variety, from 12 to 24 inches high. Coming into flower during the latter part of May, they continue in good condition for nearly two months, producing a mass of flowers unknown in other types of Phlox.

Amanda. The dwarfest of the collection, growing but 12 inches high, very bushy, flowers delicate lilac with deeper

Charlotte. Grows 18 to 24 inches high, flowers very large, pale lilac shaded pink with a prominent dark eye; one of the best.

Grete. Plant of very branching habit, 20 inches high, producing great masses of medium-sized white flowers.

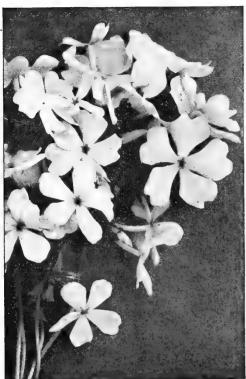
Helene. Of a beautiful lavender-blue color; similar to Divaricata Canadensis; shapely plant; 15 to 18 inches high.

Kathe. Stems loosely branched, about 20 inches high; flowers purplish-rose with a dark eye surrounded by a lighter halo.

Louise. A strong-growing variety about 2 feet high; light lilac flowers with a carmine eye.

Price, 25 cts. each; \$2.50 per doz. One each of the 6 varieties for \$1.25.





PHLOX DIVARICATA

#### PENTSTEMON (Beard Tongue).

Most useful showy perennials, either for the border or rockery. With the exception of Sensation, which requires protection, they are perfectly hardy.

Gloxinioides "Sensation." A beautiful strain, bearing spikes of large Gloxinia-like flowers in a great variety of bright colors, including rose, cherry, crimson, purple, lilac, etc. The plants grow 2 feet high and bloom

from early summer till frost. For bedding they rival the Phloxes, Petunias, etc. Must be given protection in winter. (See cut.)

Barbatus Torreyi. Spikes of brilliant scarlet flowers; height 3 to 4 feet; June to August.

Digitalis. Large spikes of long, purple-white flowers, with purple throats, during June and July; 2 to 3 feet.

Glaber Hybrids. A trailing species, growing about a foot high and bearing in early summer showy flowers, varying from light to dark blue.

Pubescens. Bright rosy-purple; July and August; 12 feet.

15 cts. each; \$1.50 per doz.; \$10.00 per 100. One each of the 5 sorts for 65 cts.

#### PHYSOSTEGIA (False Dragon-Head).

One of the most beautiful of our midsummer flowering perennials, forming dense bushes 4 to 6 feet high, bearing spikes of delicate tubular flowers not unlike a gigantic heather. (See cut.)

Virginica. Bright but soft pink.

- alba. Pure white; very fine.
- Speciosa. 'Very delicate pink.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### VARIOUS PHLOXES.

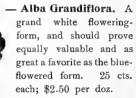
The following species and varieties are quite unlike the large-flowering Phloxes offered on pages 230 and 231, but are very pretty and useful plants in the hardy garden.

Amœna. This is one of the best varieties for carpeting the ground, the rockery or the border; it grows but 4 inches high, and in spring is a sheet of rich, bright pink flowers. 10 cts. each; \$1.00 per doz.; \$6.00

Carolina Ovata (Mountain Phlox), Grows 12 inches high and bears masses of reddish-pink flowers in May and June. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Divaricata Canadensis. One of our native species, which is worthy of extensive planting, commencing to bloom early in April, and continuing through May, with large, fragrant lavender flowers on stems 10 inches high. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

- Laphami Perry's Variety. In this we have a great improvement, the plant being more robust, the flowers considerably larger and of a more intense shade of lavender-blue. 25 cts. each; \$2.50 per doz.



- Violet Oueen. Deep violet-colored flowers; very free. 25 cts. each; \$2.50 per doz.



(Chinese Lantern Plant.)

rancheti. An ornmental variety of the Winter Cherry, forming dense bushes about 2 feethigh, producing freely its bright orangescarlet lantern-like fruits; highly interesting. 15 cts. each; \$1.50 per doz.



PENTSTEMON SENSATION

PHYSOSTRGIA

### HARDY GARDEN PINKS.

Old favorites, bearing their sweet, clove-scented flowers in the greatest profusion during May and June. They are indispensable for the edge of the hardy border and for cutting; 1 foot.

Delicata. Soft, delicate rose, perpetual flowering. 25 cts. each.

Eisie. Bright rose with maroon centre.

Gloriosa. Pleasing lilac-mauve, perpetual flowering. 25 cts. each.

Her Majesty. Large flowers of purest white.

Homer. Rosy-red with dark centre.

James Douglas. White with crimson-purple lacing.

Juliette. White, laced crimson.

Snow. Fine pure white.

Souv. de Salle. Soft rosy red.

White Reserve. An everblooming pure white,

Price, except where noted, 15 cts. each; \$1.50 per doz.

Set of 10 sorts, \$1.25.

Mixed Hardy Garden Pinks. We offer a fine lot of seedlings grown from a very select strain, which should produce a good percentage of double flowers. Those that come single are very pretty, and are preferred by some to the full, double sorts. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

#### PLATYCODON.

(Balloon Flower, or Japanese Bell-flower.)

The Platycodons are closely allied to the Campanulas, and form neat, branched

bushes of upright habit.

Mrs. Ely says of them: "Do best if planted in early spring. They grow from 2 to 22 feet high, and after the third season each plant will have from ten to twelve stalks covered with the lovely blue or white blossoms for nearly a month, beginning about July 10th. They are also free from attacks of insects, and if planted in good soil and well covered in late autumn with a litter of leaves or stable manure, will be found to be quite hardy."

Grandiflorum. Deep blue cupped,

- Album. A white-flowered form of the above.





HARDY GARDEN PINKS

#### PLUMBAGO (Lead-wort).

Larpentæ. Of dwarf, spreading habit, growing 6 to 8 inches high; useful as an edging plant or for the rockery; covered with beautiful deep blue flowers during the summer and fall months. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### PODOPHYLLUM.

Emodi Majus (Himalayan Mandrake). A curious species, growing almost 3 feet high, with pale green leaves, prettily mar-bled with bronze. The clear pink flowers are followed by large coral-red fruit; requires a partially shaded, rich, damp position to develop its full beauty. 75 cts. each.

Peltatum (May Apple, or Mandrake). A well-known native plant, which is worthy of a place in every shady border; 2 feet. 15 cts. each; \$1.50 per doz.

#### POLEMONIUM (Jacob's Ladder).

Useful border plants, about 12 inches high, succeeding best in a partially shaded position; deep green, finely-cut foliage and spikes of showy flowers.

Reptans. Showy blue flowers during May and June.

Richardsoni. Sky-blue flowers, with golden anthers; June-July.

- Album. A white-flowered form of the above,

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### POLYGONATUM (Solomon's Seal).

Giganteum. Exceedingly ornamental, both in foliage and flower; grows 3 feet high and bears pendant, creamy-white flowers in May and June. Should be grown in a shady or half-shady place for best results. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### DREER'S

Special Catalogue of

#### OLD-FASHIONED HARDY PLANTS.

Gives complete alphabetical list of all the Hardy Plants we grow, with color, height, time of flowering, and whether suited for sun or shade. Also shows plans of Hardy Borders, prepared by a competent Landscape Architect



POLEMONIUM

# POLYGONUM (Knot-weed).

Compactum. Grows about 15 inches high, and during August and September the entire plant appears as a foamy mass of white flowers.

Cuspidatum (Giant Knot-weed). Attains a height of 5 to 7 feet, and in fall produces long, drooping clusters of white flowers at the axil of each leaf; a striking plant for the shrubbery or as an isolated specimen.

Brunonis. A fine plant for the rockery or border, with spikes of bright rose-colored flowers; July to September; 1 foot.

Price. Any of the above, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### NEW POLYGONUM SERICEUM.

An early flowering species, coming into bloom early in May and continuing well into June. The plant grows about two feet high, is perfectly hardy, and its feathery spikes of white flowers make it a most desirable subject for the hardy border, or for interspersing along the front of the shrubbery border. \$1.00 each.

#### POTENTILLA (Cinquifoil).

Charming plants for the border, with brilliant single or double flowers that are produced in profusion from June to August; succeeds in any soil; 18 inches.

Atrosanguinea. Rich crimson, single.

Formosa. Single rosy-red.

Miss Willmott. Bright cerise, single flowers.

Pyrenaica. Single, golden-yellow.

Vulcan. Double, rich crimson.

William Rollison. Bright vermilion;

25 cts. each; \$2.50 per doz. Set of 6 sorts for \$1,25.

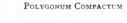
#### PRUNELLA.

Grandiflora. A low-growing plant, suitable for a shady spot on the rockery or border. Round heads of purple . flowers all summer.

25 cts. each; \$2.50 per doz.



PRIMULA VULGARIS (English Primrose)



#### PRIMULAS (Primrose).

The hardy Primroses are among the most beautiful and interesting of our early spring flowers. Plant them in rich, welldrained soil, in the border or in a sheltered nook in the rockery; if possible, in a half-shady place.

Acaulis Alba plena. Very showy and useful; double white. 25 cts. each; \$2.50 per doz.

- Cœrulea. A most novel variety, with deep purplish-blue flowers of large size: early and prolific. 25 cts. each; \$2.50 per doz.

- Croussei plena. Distinct and pleasing shade of purplish-red. 25 cts. each; \$2.50 per doz.

Veris (English Cowslip). Plants grown from a select strain of seed, and embrace a fine range of colors. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

Veris Superba. A giant-flowered form, producing individual flowers from 1 to 2 inches across; in color they are a bright canary-yellow with a golden centre; perfectly hardy, and when in flower present a sheet of bloom. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Vulgaris (English Primrose). An old favorite, and should be found in every garden; one of the earliest spring flowers; of bright canary-yellow; very fragrant. 15 cts. each; \$1.50 per

Set of above 6 Primroses, a fine collection, for \$1.00.

#### DREER'S

SPECIAL CATALOGUE OF OLD-FASHIONED

# HARDY PLANTS

Containing a complete alphabetical list of all the hardy plants we grow, giving color, height, time of flowering and best location; also plans of Hardy Borders. Copies free on request.



PRIMULA VERIS SUPERBA

# HENRY A: DREER · PHILADELPHIA · PA ·



# HARDY PERENNIAL PLANTS.



## PULMONARIA (Lungwort, Bethlehem Sage),

Angustifolia Azurea (Blue Cowslip, or Lungwort). The prettiest of the blue Cowslips; grows about a foot high, and one of the first to bloom in early spring, bearing attractive funnel-shaped, deep gentian-blue flowers; very desirable.

Saccharata Maculata. A beautiful plant, rivaling in the markings of its foliage many of the choicest hothouse plants; of easy culture; foliage deep green, handsomely mottled with silvery-grey, and terminal 1 foot high spikes of pink, changing to blue flowers during May and June.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

## RANUNCULUS (Crow-foot, Buttercup).

Aconitifolius Fl. Pl. (Fair Maids of France). Forms a branching bush 2 feet high, flowers double, pure white, in May and June. (See cut.)

Acris Fl. Pl. A double-flowered form of our common Buttercup; 2 feet; May and June,

> Amplexicaulis. A dwarf variety, producing pretty single white flowers with yellow stamens during April and May.

> > Gramineus. A dainty variety for the rockery or border, with grass-like foliage, producing masses of yellow flowers on branched 6 to 8 inch high stems, during April and May.

> > > Repens Fl. Pl. (Bachelor's Buttons). A pretty double-flowering bright golden yellow Buttercup. Bears masses of flowers during May and June.

15 cts. each; \$1.50 per doz. Set of 5 sorts, 65 cts.



Double Pyrethrum Hybridum

#### **PYRETHRUM** HYBRIDUM.

This grand old-fashioned Hardy Perennial is easy to grow in any good garden soil where there is good drainage and full exposure to the sun. They prefer to be left undisturbed for two or three years, and if given an annual top dressing of well-rotted manure flower generously. Their main season of blooming is in June, but if the first crop of flower stems is removed as soon as finished they will give a fair sprinkling of flowers

PYRETHRUM ULIGINOSUM STELLATUM

during the summer and autumn months. The fine fern-like foliage of the plants is attractive at all times.

Single-flowering. The plants which we offer have been grown from a selected strain of seed, and embrace all the colors from deep red through the various shades of rose to pure white. These can be supplied in strong flowering plants in mixed colors only. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Double-flowering. Choice named varieties in crimson, pink and white. 35 cts. each; \$3.50 per doz. One each of the three colors for \$1.00.

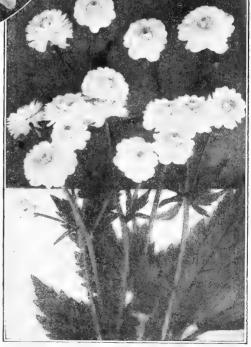
# Pyrethrum Uliginosum Stellatum.

(Starry Giant Daisy.)

A variety which originated in our Nursery. It is a greatly improved form of the Giant Daisy, and like its parent, has flowers of glistening white, but fully one-half larger, with long, narrow pelals, forming a much more graceful and refined flower. The best and most useful Daisy for cutting during August and September. (See cut.) 25 cts. each; \$2.50 per doz.

#### RHEXIA (Meadow Beauty).

Virginica. A handsome dwarf plant, 9 inches, flowering the greater part of the summer, with numerous bright rosy-purple blossoms, and long, pro'ruding golden anthers; grand for massing in a moist, sunny 15 cts. each; \$1.50 per doz.



RANUNCULUS ACONITIFOLIUS FL PL. (Fair Maids of France)



#### ROMNEYA COULTERI

#### RODGERSIA.

Podophylla. A stately plant, both in foliage and flower; planted in rich, deep soil, in a sunny situation, and liberally supplied with water, produces five-lobed leaves, 21 to 3 feet in diameter, at first bright green, changing to a metallic-brown hue; flowers white, not unlike a Spiræa, and borne in large, fluffy, feathery sprays in midsummer. 25 cts. each. **Tabularis.** A rare Siberian

species with attractive pale green foliage, which in established plants is borne on stems 3 to 4 feet high, and is fully 18 inches in diameter, and retains its fresh and stately appearance throughout the season; its fluffy, feathery white flowers are borne on sprays 6 feet high during midsummer. 50 cts. each.

### RUDBECKIA (Cone-flower).

Indispensable plants for the hardy border; grow and thrive anywhere, giving a wealth of bloom, which are well suited for cutting.

"Golden Glow." A well-known popular plant, a strong, robust grower, attaining a height of 5 to 6 feet, and produces masses of double goldenyellow Cactus Dahlia-like flowers from July to September.

Maxima. A rare and attractive variety, growing 5 feet high, with large glaucous green leaves and bright yellow flowers 5 to 6 inches across, with a cone 2 inches high; flowers continuously from June to September. 25 cts. each; \$2.50 per doz.

Newmani. Dark orange-yellow flowers, with deep purple cone, borne on stiff, wiry stems 3 feet high; flowers from July to September.

Nitida, "Autumn Sun," An attractive single-flowering variety, growing 5 to 6 feet high with long, broad petals of bright primrose-yellow. August

Purpurea (Giant Purple Cone-flower). Flowers about 4 inches across, of a peculiar reddish purple with a remarkably large, cone-shaped centre of brown; forms bushy plants 3 feet high, and blooms from July to October.

Subtomentosa. A pyramidal, densely-branched plant,  $2\frac{1}{2}$  feet high. which is completely enveloped in a mass of brilliant lemon-yellow flowers with dark purple centres in summer.

> Price, except where noted, 15 cts. each; \$1.50 per doz. Set of six sorts for 85



Caucasica flore pleno (Double-flower-ing Bouncing Bet). White tinted rose, double flowers, produced all summer and fall; 15 inches.

Ocymoides. Very showy rock plant, producing during summer months masses of small, bright rose flowers; 9 inches.

15 cts. each; \$1.50 per doz.



RUDBECKIA NEWMANI

#### ROMNEYA (California Tree or Matilija Poppy).

Coulteri. This beautiful Poppy, while hardy as far north as Philadelphia, should be planted in a well-drained, sunny, sheltered position. It grows 3 to 5 feet high, and frequently has from 12 to 15 expanded flowers on a single shoot at one time. The flowers are white, 6 inches and over across, delicate and transparent, yet enduring in a good state for several days; delightfully fragrant. 75 cts. each.

#### ROSMARINUS (Rosemary).

An old favorite aromatic herb of neat habit of growth; requires Officinalis. protection; 15 cts. each; \$1.50 per doz.

#### SANTOLINA (Lavender Cotton).

Chamæcyparissus Incana. A dwarf evergreen perennial with attractive silvery-white foliage; useful as a rock or border plant and largely used for carpet bedding; prefers a light soil and rather dry position. 10 cts. each; \$1.00 per doz.; \$6 00 per 100.



RUDBECKIA PURPUREA (Giant Purple Cone Flower)

# SALVIA (Meadow Sage).

Azurea. A Rocky Mountain species; grows 3 to 4 feet high, producing during August and September pretty sky-blue flowers in the greatest profusion.

Pitcheri. Similar to the above, but of more branching habit and larger flowers of a rich gentian blue color and one of the most admired plants by the many visitors to our nurseries during the early autumn; 3 to 4 feet.

Greggi. We are at a loss to understand why the beauty of this Salvia, a native of the mountains of western Texas, was not discerned sooner. We grew it forty years ago as a greenhouse plant but with indifferent results, and it is only recently that its merits as a plant for the hardy border were discovered. Out of doors it makes a good showing from June until cut by severe frost, and the brilliant carmine color of its flowers is particularly bright from August on. The plant is of bushy habit, growing about two feet high, and is said to have withstood a temperature of 10 degrees below zero.

Virgata Nemorosa. An interesting plant for the hardy border, forming a rosette of large foliage, from which the flower spikes arise, bearing manyflowered whorls of dark blue blossoms; the unexpanded buds are light violet-

blue, forming a harmonious and pleasing color combination. It continues in flower for about six weeks during the early summer months; 18 inches.

Price. Any of the above, 25 cts. each; \$2.50 per doz.

#### **New Salvia** Uliginosa.

In general habit similar to Salvia Azurea and Pitcheri but of stronger growth, each plant forming a bushy specimen from 5 to 6 feet high, and wonderfully free flowering, blooming continuously from June until stopped by severe frost in October. The flowers are a pretty Cornflower-blue color with a white throat, and are produced in branched spikes, frequently 6 inches long. A splendid acquisition. (See cut.) 25 cts. each; \$2.50 \$2.50 per doz.; \$18.00 per 100.

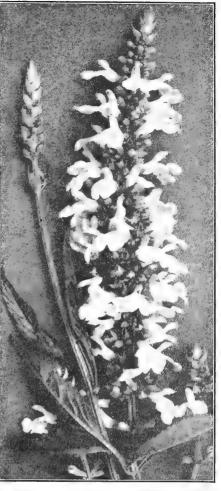
Set of one each of the above 5



SAXIFRAGA PYRAMIDALIS



GROUP OF SAXIFRAGAS (Megaseas)



NEW SALVIA ULIGINOSA

#### SAXIFRAGA (Megasea).

These will thrive in any kind of soil and in any position; grow about one foot high, and are admirable for the front of the border or shrubbery, forming masses of handsome, broad, deep green foliage, which alone renders them useful,

while the pretty flowers, which appear very early in the spring, some almost as soon as the frost is out of the ground, make them doubly effective. (See cut.)

Cordifolia. Light pink. Orbiculare. Deep rose. Speciosa. Deep rosy-crimson.

Squarrosa. Rosy-pink. Van Houttei. Light pink.

25 cts. each; \$2.50 per doz.; \$18.00 per 100. Set of 5 sorts, \$1.00.

#### ALPINE SAXIFRAGAS.

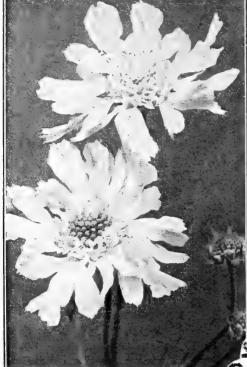
The following varieties require a semi-shady position in well drained ground or on the rockery:

Peltata. Suitable for growing in moist situations, with large shieldshaped leaves and clusters of light pink flowers on stiff, erect stems 3 feet high. 25 cts. each; \$2.50 per doz. **Pyramidalis.** Forms rosettes of narrow, silvery foliage; showy

spikes 2 feet high of white flowers in May and June. 35 cts. each.

Sarmentosa (Aaron's Beard). A trailing variety with deep green foliage; prettily variegated with silvery-white; used in hanging-baskets, on the rockery, etc. 15 cts. each; \$1.50 per doz.

Umbrosa (London Pride, Nancy Pretty, or None-so-Pretty). A low-growing, spreading sort, throwing up stems a foot high of white, sometimes suffused with red, flowers. 25 cts. each; \$2.50 per doz.



SCABIOSA CAUCASICA

#### SATUREIA (Winter Savory).

Montana. A neat, dwarf evergreen, aromatic plant, with slender, woody, very branching stems, 12 inches high, covered with showy white heather-like flowers in August and September. 25 cts. each; \$2.50 per doz.

#### SCABIOSA.

Handsome border plants, succeeding in any ordinary soil if well drained and in a sunny location, and should be grown in every garden where cut flowers are wanted; they last a long time when picked and placed in water.

Caucasica (Blue Bonnet). A soft and charming shade of lavender, and commences to bloom in June, throwing stems 18 to 21 inches high until September. (See cut.)

 Alba. A pure white variety.
 Japonica. Lavender-blue flower Lavender-blue flowers, in bloom from July to September; 2 feet.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

#### SEMPERVIVUM (House Leek).

Peculiarly interesting plant for the rockery or for any exposed, well-drained position. We can furnish six distinct varieties at 10 cts. each; \$1.00 per doz. Set of 6 for 50 cts.

#### SENECIO (Groundsel).

Especially suited for planting in low, moist ground; grow from 3 to 5 feet high, producing a bold effect.

Very large, round leaves and heavy stems of pure Clivorum. yellow flowers.

Pulcher. Forms a neat tuft of foliage, from which spring up from July to October, a succession of 2-feet-high stems, with clusters of brilliant rosy-purple flowers, of good size.

Wilsonianus. Its tall flower-stems, 3 to 5 feet high, arise from a wide-spreading tuft of large cordate leaves, bearing bright yellow flowers in July and August.

25 cts. each; \$2.50 per doz.

#### SEDUM (Stone-crop). DWARE VARIETIES.

Suitable for the rockery, carpet bedding, covering of graves, etc.

Acre (Golden Moss). Much used for covering graves; toliage green, flowers bright yellow.

Album. Green foliage, white flowers.

Kamtschaticum. Deep green foliage; yellow flowers in June; 8 inches.

Lydium Glaucum. A neat variety, with glaucous foliage.

Middendorfianum. Narrow green foliage, sulphur-yellow flowers in

Sexangulare. Dark green foliage, yellow flowers.

Sieboldi. Round, succulent, glaucous foliage; bright pink flowers in August and September.

Stahli. Compact species with crimson-tinted foliage in autumn.

Stolonifera. One of the most desirable; flat succulent leaves, flowers purplish-pink; July and August; 6 inches.

Spurium. Attractive pink flowers; 6 inches.

- Coccinum. A beautiful crimson-flowered form.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### ERECT, OR TALL-GROWING VARIETIES.

Useful and pretty plants for the border, producing their interesting flowers during late summer and fall.

Japonicum Macrophyllum. Forms compact bushes, 15 inches high, with pleasing waxy-white flowers, with light pink centres.

> Maximum Atropurpureum. Interesting on account of its dark bronzypurple foliage; 15 inches.

Spectabile. One of the prettiest erectgrowing species, attaining a height of 18 inches, with broad light green foliage and immense heads of handsome showy rose-colored flowers; indispensable as a late fall-blooming plant.

- "Brilliant." A rich colored form of the preceding, being a bright amaranth-red, 25 cts. each; \$2.50 per

Price, except where noted, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. One each of the four sorts for 50 cts.



SENECIO PULCHER





Galacifolia. A rare and handsome dwarf evergreen, with bronzygreen foliage. Requires a shady position and a soil made up mostly of leaf-mould. The flowers are pure white, about an inch across, each on a stiff, wiry stem, and turn pink with age. 25 cts. each.

#### SILENE (Catchfly).

**Alpestris.** A good rock-work plant, grows about 4 inches high, with glistening white flowers in July and August.

Schafta (Autumn Catchfly). A charming border or rock plant, growing from 4 to 6 inches high, with masses of bright pink flowers from July to October.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### SILPHIUM (Cup Plant).

Perfoliatum. A tall growing perennial 6 to 8 feet high, bearing large yellow single flowers during August and September; a good subject for the shrub-border. 25 cts. each; \$2.50 per doz.

#### SOLIDAGO (Golden Rod).

The varieties offered below are the most desirable of our native

Golden Rods.

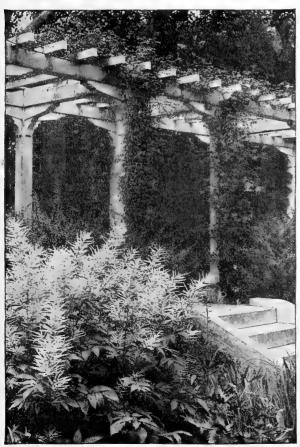
Altissima. The giant of the family, attaining a height of 10 to 12 in October.

Grows 4 to 5 feet high, with spikes of golden-yellow Canadensis. flowers from the end of July until September.

Golden Wings. The finest of all; 5 feet high with immense panicles of bright golden-yellow flowers from July to September.

Shortia. Golden-yellow flowers in July and August; 3 feet. Virgaurea Compacta. Grows but 15 inches high; deep yellow flowers in August and September.

Price, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



SPIRÆA ARUNCUS



SPIRÆA ULMARIA FL. PL.

#### SPIGELIA (Carolina, or Indian Pink).

Marilandica. A rare and charming native plant, succeeding best in a shady, moist situation, and producing from early in June till late in October brilliant red, tubular flowers with yellow throat: 12 to 15 inches. 35 cts. each; \$3.50 per doz.

#### SPIRÆA (Goat's Beard, Meadow Sweet).

Elegant border plants with feathery plumes of flowers and neat, attractive foliage; succeed best in a half-shaded location in rich, moist soil.

Aruncus. A noble variety, 3 to 5 feet high, producing in June and July long, feathery panicles of white flowers.

Chinensis. A handsome species, with large heads of silverypink flowers in June and July; 2 feet. 25 cts. each; \$2.50 per doz.

Filipendula Fl. Pl. (Double-flowered Drop-wort). Numerous corymbs of double white flowers on stems 15 inches high, during June and July, and pretty fern-like foliage.

Gigantea, or Kamtschatica. Forms a bold plant 5 or 6 feet high, with large palmate leaves and immense heads of white flowers in June and July. 25 cts. each; \$2.50 per

Palmata (Crimson Meadow Sweet). One of the most beautiful hardy plants, the deep purple-red of the stems and branches passing into the crimson-purple of the broad corymbs of flowers, which are produced very freely during June and July; 3 feet.

- Elegans. A free-flowering pure white with protruding pink anthers.

Ulmaria Fl. Pl. (Mendow Sweet). Grows about 3 feet high, and produces its large double white flowers during June and July. (See cut.)

Venusta. A showy, red-flowering species; very fragrant; 4 to 5 feet; June.

Venusta Magnifica. A new variety and a decided improvement on S. Venusta, with richer and more intense rosy-red, fragrant flowers, blooming during June and July; a splendid plant for low, wet ground; 4 to 5 feet. 50 cts. each; \$6.00 per doz.

Price, except where noted, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

One each of the above 9 varieties for \$1.50.

#### STACHYS (Woundwort).

Betonica Grandiflora (Betony). Large flowers of a soft rosecolor; June and July; 15 inches.

Lanata. Forms a densely leaved mass of bright, silvery-white woolly foliage and inconspicuous clusters of light purple flowers. As a plant for edging or for clumps in the border, or wherever intense color is desired for contrast with other foliage, it will be found most useful.

15 cts. each: \$1.50 per doz.: \$10.00 per 100.

#### STATICE (Great Sea Lavender).

Gmelini. Large panicles of violet-blue flowers.

Latifolia. A most valuable plant either for the border or rockery, with tufts of leathery leaves and immense candelabra-like heads, frequently 11 feet high and 2 feet across, of purplish-blue minute flowers from June to September; these, if cut and dried, last in perfect condition for months.

Tatarica. Reddish-purple flowers.

15 cts. each; \$1.50 per doz.

#### STENANTHIUM.

(Mountain Feather Fleece.)

Robustum. A rare perennial, with showy panicles of pure white, fleecy flowers in August and September on stems 4 to 5 feet high; requires a moist, semishady position. 50 cts. each; \$5.00 per doz.

#### PLANS OF HARDY BORDERS

These are shown together with list of suitable plants in our Special Catalogue of Hardy Plants. Copies free on request.



STATICE LATIFOLIA



#### STOKESIA (Cornflower Aster).

Cyanea. A beautiful native plant growing 18 inches high, bearing freely from early in June until September its handsome lavender-blue Cornflower-like blossoms, which measure from 4 to 5 inches across. It is of the easiest culture, succeeding in any open, sunny position, and not only is it desirable as a single plant in the hardy border, but it can also be used with fine effect in masses or beds of any size.

Cyanea alba. Pure white variety of above. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

## SWEET WILLIAM (Dianthus Barbatus).

(London Tufts.)

A well-known, attractive, free-flowering hardy perennial, producing in mid-summer a splendid effect in beds and borders with their rich and varied flowers. We can supply the following all grown from our own select strain of seed:

Newport Pink. Rich salmony-rose.

Pure White. Very large. Bright Scarlet. Effective color.

Mixed. Containing all colors.

10 cts. each; \$1.00 per doz.; \$8.00 per 100.

#### SYMPHYTUM (Comfrey).

Asperrimum aureo variegatum. A pretty golden variegated foliage border plant; in spring the leaves form rosettes close to the ground, later in the season the stems and leaves rise and form a taller plant, 15 to 18 inches high, with numerous drooping blue bell-shaped flowers. 25 cts. each; \$2.50 per doz.

#### TEUCRIUM.

Canadense (American Germander). A useful plant for the rockery; dark green aromatic foliage and spikes of light purple flowers in midsummer. 15 cts. each; \$1.50 per doz.

#### THERMOPSIS.

Caroliniana. A showy, tall-growing plant, attaining a height of 3 feet, producing long spikes of yellow flowers in June and July. 25 cts. each; \$2.50 per doz.



SWRET WILLIAM



#### THYMUS (Thyme).

Citriodorus. Lemon-scented foliage, of bushy habit. Lanuginosus (Woolly-leaved Thyme). A trailing variety, with gravish foliage.

Serpyllum (White Mountain Thyme). A pretty subject for the rockery, forming dense mats of dark green foliage and clouds of white flowers.

- Coccinea (Scarlet Thyme). Dark green foliage and clouds of bright red flowers

- Splendens. Bright purplish-red flowers. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



2 Purpurea major. An attractive variety, forming a neat, compact clump; the foliage unusually bright as it expands in the spring; bears long spikes of salmon-red flow-

ers. 15 cts. each; \$1.50 per doz.

#### TRADESCANTIA.

(Spider Wort.)

Virginica. Produces a succession of blue flowers all summer; 11 to 21

Alba. A white-flowered form. 15 cts. each; \$1.50 per doz.



(Japanese Toad Lily.)

Hirta. An interesting Japanese plant, growing 18 inches high, and produc-

ing in the greatest profusion in late fall clusters of most peculiar lily-like flowers, which are creamy-white, spotted purplish-brown. Should be planted in semi-shady situation.

Macropoda Striata. Useful for its foliage, which is prettily variegated green and white; 1 foot.

> 25 cts. each; \$2.50 per doz.



THALICTRUM

#### THALICTRUM (Meadow Rue).

Very graceful, pretty-flowered plants, with finely-cut foliage; great favorites for planting in the hardy border; the dwarfer varieties also being effective and useful in the rockery. (See cut.)

Adiantifolium. A beautiful variety, with foliage like the Maidenhair Fern and miniature white flowers in June and July; 11/2 to 2 feet.

Aquilegifolium atropurpureum. Elegant, graceful foliage and masses of rosy-purple flowers; May to July; 2 to 3 feet.

- Album. Pure white flowers.

/ Glaucum. Fine-cut foliage; bronzy-yellow flowers in June; 2 feet.

25 cts. each; \$2.50 per doz; \$15.00 per 100.

#### RARE THALICTRUM, DIPTEROCARPUM

A pretty and distinct species, with flowers of a charming shade of lilac mauve, which is brightened by a bunch of lemonyellow stamens and anthers. The plant is of strong growth, about 4 feet high; the dainty flowers are produced in graceful sprays during August and September. (See cut.) 50 cts. each.

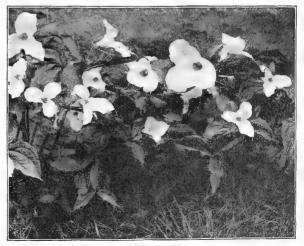
#### TRILLIUM.

(Wood Lily, or Wake Robin.)

Excellent plants for shady positions in the hardy border, or in a sub-aquatic position, flowering in early spring; 12 to 18 inches

Erectum. This is the purple wood lily; the earliest to flower.

Grandiflorum. The large white; probably the handsomest. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.



THALICTRUM DIPTEROCARPUM

TRILLIUM GRANDIFLORUM





TROLLIUS, OR GLOBE FLOWER

#### TROLLIUS (Globe Flower).

Desirable free-flowering plants, producing their giant Buttercup-like blossoms on stems 1 to 2 feet high from May until August: succeed admirably in the border in a half-shady position in well drained, preferably light soil.

Asiaticus Flore Croceo. Very fine orange.
Caucasicus "Orange Globe." Large, deep-orange colored flowers.
Europæus. Large, bright yellow, globular flowers.
Japonicus "Excelsior." Very deep orange flowers.

Lichtball. Large orange-yellow.

25 cts. each; \$2.50 per doz. Set of 5 sorts for \$1.00.

#### Two Rare Trollius or Globe Flowers.

Ledebouri. Grows from 2 to 21/2 feet high, the cup-shaped flowers opening up like a Buttercup are of a rich orange color, and while its great crop of flowers are produced during May and June it continues to flower more or less throughout the summer.

Pumilus Yunnanensis. A new variety, and entirely distinct from all others, the bright golden-yellow flowers being salver-shaped. The foliage is of a rich dark green.

Price. Either of the above, 50 cts. each; \$5.00 per doz.

#### TUNICA.

Saxifraga. A pretty tufted plant with light pink flowers, produced all summer; useful either for the rockery or the border. 25 cts. each; \$2.50 per doz.

#### VINCETOXICUM (Mosquito Plant).

Japonicum. An interesting plant from Japan, with small white flowers in summer, which attracts and kills insects. The foliage is dark green and almost evergreen. 25 cts. each; \$2.50 per doz.

#### TRITOMA

(Red-hot Poker, Flame Flower, or Torch Lily).

The early, free and continuous blooming qualities of the newer varieties have made Tritomas one of the great bedding plants, and when we consider that there are few flowering plants which are suitable for massing under our severe climatic conditions, it is little wonder that such elegant subjects should become so popular.

All the varieties offered are worthy of cultivation, succeeding in any ordinary garden soil, but responding quickly to liberal treatment; they are hardy if given protection, but the most satisfactory method of wintering is to bury the roots in sand in a cool cellar.

Pfitzerii (The Everblooming Flame Flower). In bloom from August to October, with spikes 3 to 4 feet high, and heads of bloom of a rich orangescarlet, producing a grand effect either planted singly in the border or in masses. (See cut.) 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

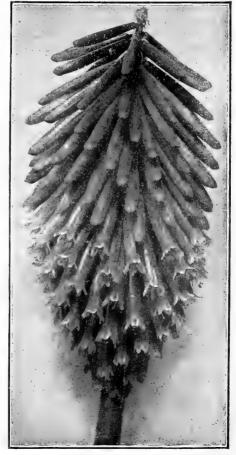
Saundersi. One of the earliest to bloom, beginning in June, continuing until the end of August. Deep coral-red, changing to chrome-yellow; 3 feet. 35 cts. each; \$3.50 per doz.

Sulphurea. A fine free-flowering sulphur-yellow; Aug. and Sept.; 2½ feet. 30 cts. each; \$3.00 per doz.

Tricolor. A charming small-flowered sort, in which three distinct colors are combined in the same spike of flowers, the buds at first appearing cochinealred, changing to canary-yellow, finally opening a sulphur-white; very freeflowering; August to October; 21 feet. 25 cts. each; \$2.50 per doz.

Uvaria Grandiflora. The old-fashioned late-flowering sort; spikes 3 to 5 feet high, flowers rich ochre-red, passing to salmon-pink. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

One each of the 5 Tritomas for \$1.00.



TRITOMA PFITZERII

## VERONICA (Speedwell).

Amethystina. Amethyst-blue flowers in June and July; 2 feet.

Incana. Bright silvery foliage, with spikes of amethyst-blue flowers; July and August; 1 foot.

Longifolia Subsessilis. Mrs. Ely says of this fine variety: "Should be set out in the spring, so that it may become well established before winter. This plant grows about three feet high, and three-year-old plants produce eight or ten stalks, bearing a long spike of deep blue flowers. Begins to bloom in mid-July and continues flowering for a month. It requires only good garden soil and watering in dry weather; but if a little bonemeal is dug about the plants early in May, the spikes of bloom will be much finer, and if covered in late autumn with stable litter is quite hardy."

Maritima. Long spikes of blue flowers from July to September; 2 feet.

Pectinata. Fine for the rockery; masses of blue flowers in May.

Repens. A useful rock or carpeting plant, with light-blue flowers.

Rupestris. A fine rock plant, growing three or four inches high, thickly matted deep green foliage, hidden in spring under a cloud of bright blue flowers.

- Alba. A white-flowered variety of the above.

Spicata. An elegant border plant, growing about 11 feet high, producing long spikes of bright blue flowers in June and July.

- Alba. A white flowered form of the above.
- Rosea. A pretty pink-flowered form.

Virginica. Long spikes of white flowers in July and August; 3 to 4 feet.



VALERIANA OFFICINALIS



Price, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 12 varieties, \$1.50.

### **NEW VERONICA** SPICATA ROSEA "ERICA."

(The Heather-like Speedwell.)

We are greatly pleased with this novelty, which, due to its spikes of pretty, delicate pink flowers, at once reminded us of a splendidly flowered plant of Heather. It is of vigorous, compact habit, forming bushy plants 10 to 12 inches high, which are very attractive during its flowering season in June and July. 50 cts. each.

#### VALERIANA.

(Valerian.)

Coccinea. Showy heads of reddish flowers; June to October; 2 feet. Alba. A white-flowered form.

Officinalis (Hardy Garden Heliotrope). Produces showy heads of rose-tinted white flowers during June and July, with strong heliotrope odor; 3 to 4 feet, (See cut.)

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### VINCA.

(Periwinkle, or Trailing Myrtle.)

Minor. An excellent dwarf evergreen trailing plant that is used extensively for carpeting the ground under shrubs and trees, or on graves, where it is too shady for other plants to thrive. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

- Aurea. A golden variegated variety, which besides being useful as a plant for carpeting the ground, is a valuable addition for use in window boxes during the winter months in connection with Boxwoods and other evergreen plants. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.
- Argentea Variegata. Similar to Aurea in habit of growth, but having silver instead of gold variegation. 25 cts, each; \$2.50 per doz.; \$15.00 per 100.



VIOLA CORNUTA PURPUREA

#### VIOLA CORNUTA PUR-PUREA, OR, G. WERMIG.

A variety of the tufted Pansy, forming clumps that are a sheet of bloom the entire season, and a most attractive subject for the border; the flowers, which in general appearance closely resembles the Princess of Wales Violet, make it a splendid substitute for the latter during the summer months when these are not to be had. (See cut). 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### HARDY VIOLETS.

The varieties listed below are not suited for forcing under glass; they are perfectly hardy; and when grown in the open border are covered with flowers in early

Double Russian. Fine, large, double deep purple flowers of exquisite fragrance. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

Pedata (Bird's Foot Violet). A native variety.

with finely-cut foliage and showy blue flowers. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

- Bicolor. An elegant variety of the preceding, with the upper petals a rich royal purple; lower petals almost white. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

#### VIOLAS OR TUFTED PANSIES (Viola Cornuta).

The improved forms of Viola Cornuta are one of the important bedding plants of Europe, and are rapidly growing in favor here. They flower continuously for nearly eight months in the year; and while their flowers are not so large as those of the Pansy, their bright colors and floriferousness make them welcome additions to any garden.

Admiration. Soft purple, with dark blotch. Lutea Splendens. Rich golden yellow. Papilio. Violet, with dark eye. White Perfection. A fine white

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

#### WAHLENBERGIA.

Vincæflora. A useful plant for the rock garden growing from 10 to 12 inches high, producing gentian-blue Campanula-like flowers during the greater part of the summer. 50 cts. each.

#### WALLFLOWERS.

The old favorite fragrant Wallflower; mixed colors, including yellow, brown, etc. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

### YUCCA (Adams' Needle).

Angustifolia. A variety with glaucous green foliage, very free-flowering producing dense spikes of creamy white flowers during June and July, 25 cts. each: \$2.50 per doz.

Filamentosa. Among hardy ornamental foliage and flowering plants. this can be classed at the head of the list. Its broad, sword-like foliage and 5 to 6 feet tall, branched spikes of large, fragrant, drooping, creamywhite flowers during June and July make it an effective plant for all positions. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Filamentosa Variegata. Identical with the above excepting that the foliage is beautifully and distinctly margined with creamy white; a rare and most effective plant.

See cut). \$1.00 each.

#### DREER'S COLLECTIONS OF

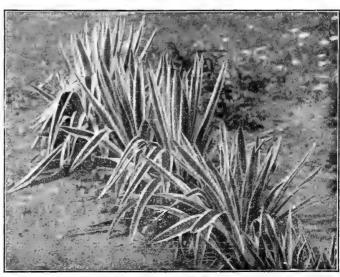
## HARDY PERENNIAL PLANTS

We offer customers who are not acquainted with the different sorts the following collections, all in good, strong roots, which once planted will, with little care, keep the garden gay with flowers from the time frost leaves the ground until late in the autumn.

12 distinct species, our selection \$1 50 66 66 50 distinct species and varieties, our selection. . . . . . . . . . . . 5 00 100 distinct species and varieties,

our selection...... 9 00





YUCCA FILAMENTOSA VARIBGATA

# Dreer's Choice Hardy Shrubs

NOTE.—Shrubs will be shipped on receipt of orders, or as soon as they can be dug, unless instructed to the contrary, and can only be sent by Freight or Express, at purchaser's expense. They are too heavy and large to be sent by mail. No charge for boxes, packing or delivery to express, freight or steamship lines in Philadelphia.

HRUBS, deciduous and evergreen, are as much a part of the well-balanced garden as the lawn or flower borders. Many of them are as decorative as any ornamental foliage plant, while others are highly useful as cut flowers, and a well-arranged planting presents an attractive appearance throughout the entire year.

Shrubs have many uses; such as a dividing line between the flower and vegetable garden, or between the lawn and uncultivated land beyond; as a background to a flower border; for hiding an unsightly building, fence or foundation, or they may be planted in a mixed shrubbery border, in which case those of short, dense growth should be planted along the front of the border, graduating to the tall-growing kinds at the back.

Thorough preparation of the soil by spading, and the addition of a liberal quantity of sheep or stable manure or bone meal will be well repaid by strong, vigorous, healthy growth. All the attention necessary to such a border would be occasional cultivation to keep down weeds, and a little top dressing of manure or bone meal in the late fall to keep up the fertility of the border. In planting, care should be taken not to overcrowd, allowing sufficient room for future development, and unless an immediate effect is wanted -in which case they may be planted closer and some of them moved when necessary-the majority of the dwarf-growing kinds may be set about 3 feet apart, the tall, strong growers, about 5 feet apart.

Deciduous Shrubs should be planted in spring as soon as frost is out and the ground in workable condition. This gives them a chance to make some rootgrowth before hot weather comes, and while it is quite possible to plant up until the beginning of May, they will not do as well as if planted earlier.

The question of when and how to prune Shrubs is one that is frequently asked, and as no hard and

fast rule can be given, we can but indicate in a general way what should be done.

All Shrubs that blossom before midsummer, such as Deutzias, Forsythias, Lilacs, Philadelphus, Weigelias,

etc., produce their flowers on the growth of wood made the previous year. To prune these in fall or spring would be to destroy most of the flowers for that season. These, therefore, should have any necessary pruning done immediately after flowering. Varieties which blossom after midsummer produce their blooms on wood made the same season. This class includes such kinds as Altheas, Desmodiums, Hydrangeas, etc.,



ALTHEA WILLIAM R. SMITH

and these should be pruned in early spring. In our judgment, Shrubs are, as a rule, pruned too much, all the pruning, or rather trimming, that is necessary being just enough to keep the plant in nice symmetrical shape, care, of course, being taken to cut out all dead wood, and removing sufficient surplus growth, if any, to admit a free circulation of air and sunshine to all parts of the plant.

Abelia Chinensis Grandiflora. A choice, small Shrub of graceful habit, producing through the entire summer and fall months white tinted lilac heather-like flowers in such abundance as to completely cover the plant. (Illustrated on page

246.) 25 cts. each; \$2.50 per doz.

Althea (Rose of Shuron). The Altheas are among the most valuable of our tall hardy Shrubs on account of their late season of blooming, which is from August to October, a period when but few Shrubs are in flower. They are also extensively used as hedge plants, for which they are admirably adapted, We offer the following choice sorts:

Alba plena. Double white, crimson centre.

Cœrulea plena. Double blue.

- Duchess de Brabant. Double dark red.

- Foliis Variegatis. Leaves variegated green and white.

Jeanne d'Arc. Double pure white.

Lady Stanley. Double blush-white with crimson centre.

- Rubis. Single, deep crimson.

- Totus Albus. Fine single pure white, very desirable. 25 cts. each. Set of 8 varieties, \$1.75

#### New Giant-flowered Althea WILLIAM R. SMITH.

One of our own introductions which we are now offering for the first time. It has been named in honor of the late William R. Smith, who for over half a century was the head of the Botanical Gardens at Washington, D. C.

The habit of the plant is ideal, naturally forming attractive, symmetrical, bushy specimens, while the glistening pure white flowers are of giant size compared to all other sorts, being fully 4 inches in diameter under ordinary cultivation, and open out flat or salver-shaped quite different from the older types which only partially expand; these large, showy flowers are produced in great profusion from early in July until late in September, and are very conspicuous at a period when comparatively few Shrubs are in bloom. Strong one-year-old plants, 50 cts. each; \$5.00 per doz.

# HENRY A. DREER PHILADELPHIA. PA. CHOICE HARDY SHRUBS





- Azalea Japonica Alba, or Ledifolia Alba. A choice hardy variety, producing in late spring large pure white flowers similar to the well-known Azalea Indica Alba. It is very free-flowering, and is valuable to plant in connection with high-colored Azaleas and Rhododendrons, or as an individual specimen. Strong bushy plants, 12 to 15 inches high, 50 cts. each; \$5.00 per doz.; \$40.00 per 100.
- Mollis. Anthony Koster. One of the prettiest of the Mollis section. Its intense golden orange-yellow flowers are of exceptionally large size, and are produced very freely. Strong plants, \$1.25 each; \$12.00 per doz.; \$90.00 per 100.
- J. C. Van Tol. This is the best of the red flowering forms of Mollis, having exceptionally large flowers, and being of strong vigorous habit. Strong plants, \$1.25 each; \$12.00 per doz.; \$90.00 per 100.
- Mixed. All the choicest Mollis varieties in mixture, including yellow, orange, red, etc. Strong plants, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.
- Pontica. Coccinea Speciosa. The brightest of this type, brilliant reddish salmon with fiery red shadings. \$1.00 each; \$10.00 per doz.
- Davisi. The finest white, very free-flowering. \$1.00 each; \$10.00 per doz.
- Nancy Waterer. A pleasing shade of Indian-yellow. \$1.00 each; \$10.00 per doz.
- Bouquet de Flore. A pleasing soft salmon-rose. Semidouble, \$1.00 each; \$10.00 per doz.
- Mixed. Pontica sorts in a splendid range of colors. 75 cts. each; \$7.50 per doz.; \$60.00 per 100.
- Yodogawa. This charming species is a perfect gem. It grows about 3 feet high, and early in May, before all other varieties, is literally covered with semi-double lavender-pink flowers, a shade at once distinct from all others and very pleasing. Strong plants, \$1.00 each; \$10.00 per doz.

Baccharis Halimifolia (Groundsell Tree). Shrub, which is especially attractive in the fall on account of its fluffy white seedpods. 25 cts. each; \$2.50 per doz.

AZALEA MOLLIS

Amorpha Fruticosa (False Indigo). A strong-growing Shrub, from 6 to 7 feet high, with finger-like spikes of indigo-colored flowers, three or more spikes in a cluster; blooms early in June. 25 cts. each.

Andromeda (Lily of the Valley Shrub). Excellent for bordering Rhododendron beds or for planting in conjunction with either the deciduous or evergreen hardy Azaleas: blooms in May.

- Floribunda. A handsome dwarf species, upright panicles of nodding waxywhite flowers. \$1.25 each; \$12.00 per doz.

- Japonica. Very rich dark evergreen foliage and drooping racemes of white blossoms of great beauty; very hardy. \$1.25 each; \$12.00 per doz.

Aralia Spinosa (Hercules Club, Angelica Tree, or Devil's Walking-stick). A singular native tree-like Shrub, growing from 10 to 15 feet high, with very prickly stems, pinnate leaves and immense panicles of white flowers in August, followed by black fruit which make it attractive until late in fall, an odd tropical looking plant. 50 cts. each.

Azalea Amœna. This little gem is practically evergreen, and in . late spring the plants are literally smothered with masses of rosycrimson flowers. We offer bushy spreading plants, 8 to 10 inches in diameter, 75 cts. each; \$7.50 per doz.; 12 inches in diameter, \$1.00 each; \$10.00 per doz.

- Hinamayo. A new hardy species, with delicate rose-pink flowers; a splendid companion to the brilliant Hinodegiri. Well-budded 3year-old plants, \$1.50 each.

- Hinodegiri. An extremely hardy sort, growing about 21 feet high and producing great masses of very bright, fiery-red, single flowers. Very desirable on account of its brilliant color. Strong bushy plants, 12 to 15 inches high, \$1.25 each; \$12.00 per doz.; \$90.00 per 100. Fine young plants, 8 inches high, 50 cts. each; \$5.00 per doz.; \$40.00 per 100.



ABELIA CHINENSIS GRANDIFLORA (Offered on page 245)

# HENRY A: DREER: PHILADELPHIA: PA: PA: CHOICE HARDY SHRUBS



Berberis Dictyophylla. A new Chinese species which is entirely distinct and unique on account of the young branches as well as the underside of the foliage being covered with a white bloom, giving the plant a silvery appearance, different from all other shrubs. It grows 6 to 7 feet high, has yellow flowers in Spring, followed in the autumn by brilliant red berries. Good young pot-grown plants, 50 cts. each.

- Thunbergi (Japanese Barberry). A beautiful variety with small foliage, assuming the most varied tints of coloring in the autumn, and attractive scarlet berries, which remain on the plant the greater part of the winter; very desirable for grouping, particularly around the base of a porch or veranda to hide the foundation; succeeds in sun or shade and is the best hedge plant we know. 25 cts. each; \$2.50 per doz. Plants for hedges offered on page 255.
- Vulgaris Purpurea (Purple Barberry). Of erect, tall growth, with fine purple foliage; the young shoots are red, and in May it bears small yellow flowers, followed in fall by bright red fruit. 25 cts. each; \$2.50 per doz.
- Wilsonae. An introduction from Western China, and a splendid, very dwarf, decorative Shrub, with small glossy green leaves and long spines; the foliage in the fall takes on the most beautiful autumnal red tints. 50 cts. each.

Buddleia Variabilis Veitchiana (Butterfly Shrub, or Summer Lilac). One of the most desirable summer flowering shrubs, beginning to bloom in July, it continues until cut by severe frost. The flowers are of a pleasing shade of violet-mauve, and are borne in dense cylindrical spikes, which, under liberal cultivation, are from 12 to 15 inches in length by 3 inches in diameter; it succeeds everywhere and flowers freely the first season planted, and is always admired. 25 cts. each; \$2.50 per doz.

- Variabilis Magnifica. Similar to the above, with flower spikes not quite as large, but of a deeper violet-rose color. 25 cts. each; \$2.50 per doz.

#### THE PLANTING AND CARE OF SHRUBS.

The cultural notes on this subject given on page 245 should be helpful to the amateur.



BERBERIS THUNBERGI (As a hedge)



BUDDLEIA (Butterfly Shrub)

Buxus Sempervirens (Boxwood). The well-known Boxwood, now so popular for planting as individual specimens on the lawn, in vases and window boxes, and for the fine formal and decorative effects that can be produced by the many shapes into which this plant can be trimmed.

#### Pyramid-shaped Boxwood.

$2\frac{1}{2}$	feet	high,	12 to	14	inches	diameter	at bas	se	\$2	50	each	
3	6.6	6.6	14 to	16	1.64	6.6	6.6		3	00	. 6	
$3\frac{1}{2}$	6 6	6.6	16 to	18	6.6	6.6	6 6		5	00	6.6	
4	4.4	4.4	18 to	20	6.6	* *	4.4		6	00	6 1	
$4\frac{1}{2}$	6.6	6 6		24	6.6	6 (	"7	50 to	10	00	6.6	

#### Bush-shaped Boxwood.

8 to	10 inches	high,	bushy	\$0	40	each			\$4	00	per	doz.	
12	6.	6.6	6.6		50	6.6	 		. 5	00	- 6	6.6	
15	6.6	6 b	64		75	66	 		. 7	50	66	4.4	
18	6 6	6 6	6.6	1	00	1.6	 		.10	00	, 6	6.6	
24	6.6	6.4	44	2	00	6.6			. 20	00	6.6	4.4	

#### Ball-shaped Boxwood.

				EAC						EA	
12	inches	in	diameter.	. \$2	50 L	18	inches	in	diameter	\$6	00
15			6 6		00			66		8	

#### Standard, or Tree-shaped Boxwood.

Stems 18 inches high, crowns 15 inches in diameter, \$2.00 each " 24 15 " "

#### Boxwood Edging.

Bushy	Plants,	, 4 to	6	inches	high \$					\$50	
66	6.6	8 to	10	6.6	"	4	00	30	00		
66	46 ,	10 to	12	4.4	"	5	00	40	00		

Calluna Vulgaris (Scotch Heather). Very pretty, small Shrub, well adapted for borders of evergreens or for sunny, stony or sandy slopes and banks with moist surroundings. Racemes of dark, rose-pink flowers; July to September. 50 cts. each.

The true "White Scotch Heather." 50 cts. Alba.



CLETHRA ALNIFOLIA (Sweet Pepper Bush)

- Calvanthus Floridus (Sweet or Strawberry Shrub). An old favorite, with double chocolate-colored strawberry-scented flowers in May. 25 cts. each.
- Cerasus James H. Veitch. A splendid, large, double pink form of the Japanese Cherry, flowering in early spring in great profusion, very showy and beautiful. 50 cts. each.
- Cercis Canadensis (Judas Tree, or Red Bud). A showy tall Shrub or small tree. All the branches and twigs are covered with a mass of small rosy-pink flowers early in the spring before the leaves appear. Plants, 4 feet high, 50 cts. each.
- Chionanthus Virginica (White Fringe). A tall-growing native Shrub, blooming profusely in June. The singular flowers resemble bunches of white silken fringe; hung gracefully among the foliage. 25 cts. each.
- Clerodendron Trichotomum. A valuable but little known Shrub that is deserving of great popularity. It forms bushy specimens 6 to 10 feet high, with large Catalpa-like foliage and large loosely arranged panicles of white flowers, backed by a reddish-brown calyx. These develop during August and September, and are followed by peacock-blue fruits which set on the red calyx, making the plant attractive until severe winter weather sets in. Strong young pot-grown plants, 25 cts. each; \$2.50 per doz.
- Clethra alnifolia (White Alder, or Sweet Pepper Bush). One of the best of our native dwarf Shrubs, bearing spikes of pure white, deliciously fragrant flowers during July and August. 25 cts. each.
- Colutea Arborescens (Bladder Senna). A tall Shrub, with small, delicate foliage and yellow, pea-shaped blossoms in June, followed by reddish pods or bladders. 25 cts. each.
- Corchorus, or Kerria Japonica fl. pl. ( Globe-flower). A graceful Shrub of medium height, with double yellow flowers from early June to October. 25
- Cornus Florida (White-flowering Dogwood). An ornamental, spreading, irregularly shaped tree, producing large white flowers in spring and rich crimson foliage in autumn. Plants 4 to 5 feet high, 75 cts. each.
- - Rubra (Red-flowering Dogwood). A rare variety, the flowers of which are rich, rosy-red. The two varieties make a fine contrast. Plants, 3 to 4 feet high, \$1.00 each.
- Alba Sibirica (Siberian Dogwood). A strong-growing variety, crimson colored branches in winter. 25 cts. each.
- Sanguinea (Red-twigged Dogwood). A strong-growing bush, with crimsoncolored branches; especially attractive in winter.
- Mascula (Cornelian Cherry). A tree-like Shrub, producing early in spring, before the leaves appear, clusters of bright yellow flowers, which are followed by red edible berries. 25 cts. each.

- Cotoneaster Horizontalis. A dwarf trailing evergreen Shrub which during autumn and winter is covered with brilliant red berries. Fine for rockeries or the edge of the border. 50 cts. each.
- Francheti. Of graceful habit, with long arched branches, large light green leaves and attractive orange-yellow berries. 50 cts. each.
- Cratægus Oxyacantha fl. pl. (Double-flowering Hawthorn.) The double form of the fragrant English Hawthorn; flowers in May and June. We offer double red, pink and white. 50 cts. each.
- Pyracantha Lalandi (Evergreen or Fiery Thorn). A most desirable variety, covered from early autumn and throughout the winter with brilliant orange-scarlet berries. 50 cts. each; \$5.00 per doz.
- Cytisus Laburnum (Golden Chain or Golden Rain). A dwarf tree or large Shrub with shining green leaves and long, drooping racemes of yellow flowers which appear in early summer, 50 cts. each.
- Daphne Cneorum (Garland Flower). A pretty dwarf. spreading Shrub, 6 to 8 inches high, especially suited for planting on rockeries, producing beautiful bright pink sweetscented flowers early in May, 60 cts. each; \$6.00 per doz.
- Fioniana. A valuable dwarf shrub forming almost spherical bushes about 18 inches high, covered during the latter part of May and early June with masses of small attractive, lilac-white flowers and producing more or less bloom during summer and fall. Strong plants ready March 15th, \$1.25



Corchorus

# THENRY A: DREER : PHILADELPHIA : PA CHOICE HARDY SHRUBS

Desmodium Penduliflorum. A Shrub which dies to the ground in winter, but comes up vigorously in spring, throwing up shoots 3 to 4 feet high, which bear during September, when few Shrubs are in bloom, attractive sprays of bright rose-colored pea-shaped flowers. 25 cts. each.

**Deutzias.** Well-known profuse flowering Shrubs, blooming in spring or early summer. Succeed in any sunny position. The dwarf varieties are desirable for forcing under glass.

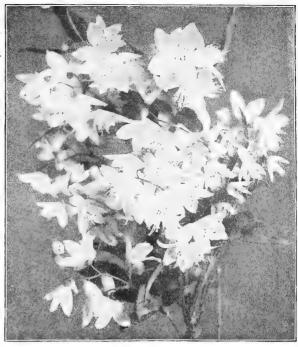
- Candidissima plena. A fine tall double white. 25 cts. each.
- Crenata Magnifica. A variety with exceptionally large corymbs of pure white flowers, produced in wonderful profusion, plant of symmetrical habit, growing from 3 to 4 feet high. 50 cts, each.
- rosea plena (Double-flowering Deutzia). Double white, tinged with pink; very desirable tall Shrub. (See cut.) 25 cts. each.
- Gracilis. A favorite dwarf bush, covered with spikes of pure white flowers in early summer. 25 cts. each.
- Lemoinei. Without doubt one of the very best dwarf hardy Shrubs; flowers very large and produced in coneshaped heads of purest white, which open out very full. (See cut.) 25 cts. each.
- Pride of Rochester. A fine, tall growing double-white flowering variety. 25 cts. each.

Ekianthus Japonicus. An attractive Japanese Shrub, hardy as far north as Philadelphia; particularly attractive in the autumn, when its leaves turn a brilliant orange, more or less marked with red, its black fruit or berries at this time forming a strong contrast. In early spring it bears numerous umbels of pure white Andromeda-like flowers. \$1.00 each.

Eleagnus Longipes (Japanese Oleaster). A very desirable, nearly evergreen Shrub of medium height, with light foliage, which is silvered on the under surface. The abundant crop of orange-colored fruit is a very attractive feature during the summer. 25 cts. each.



DEUTZIA CRENATA ROSEA PLENA



DEUTZIA LEMOINEI

- Erica (Heath). Closely allied to Heather, requiring the same conditions.
- Cinerea Coccinea. A bright red variety flowering from July to September.
- Mackayana Plena. Bright rosy-red double flowers in great abundance in July. A fine rock plant.
- Mediterranea hybrida. A handsome variety, with dark red, nodding flowers very early in spring, useful also for forcing in pots.
- Vagans Alba (Cornish Heath). Of compact growth, with upright clusters of pink flowers.
- - Rubra. Similar to above, but with rosy-red flowers.
- Bruckenthalia Spiculifolia. A Heath closely allied to the Erica family, with fine, needle-like leaves and light pink flower heads in June.

**Price**, any of the above, 50 cts. each; \$5.00 per doz. Set of 6 sorts, \$2.50.

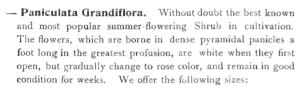
- Evony mus Europæa (Burning Bush). A very conspicuous tall Shrub, which in the autumn and winter is loaded with scarlet seed pods, from which orange-colored berries hang on slender threads. 25 cts. each.
- Japonica. Large, round, glossy green foliage; fine as an individual specimen. Specimens, 18 to 24 inches high, \$1.00 each.
- aureo variegata. A beautiful variety, with glossy, dark green foliage, bordered golden yellow. Specimens, 18 to 24 inches high, \$1.00 each.
- Exochorda Grandiflora (Pearl Bush). A medium-sized Shrub, bearing white flowers in slender racemes in early spring; very graceful; useful for cut flowers. 25 cts. éach.

Forsythia Fortunei. Strong, erect habit, bright golden-yellow flowers in early spring. 25 cts. each.

- Suspensa (Weeping Golden Bell). A tall Shrub of willowy growth, the branches gracefully arching, covered with golden-yellow bells in early spring. 25 cts. each.
- Viridissima (Golden Bell). Strong, erect habit; bright yellow bell-like flowers in early spring. 25 cts. each.

- Genista Andreana, Daisy Hill. A hybrid variety of the Scotch or Rock Broom, with very large pale yellow flowers with rosy reflex, the wings having a large spot of garnet-red. Requires the protection of a cold-frame in winter. 30 cts, each.
- Andreana, Firefly. A variety with dark garnet wings margined with yellow. Standards suffused with red, calyx purple. 30 cts. each.
- Hydrangea Arborescens Grandiflora (Snow-bull Hydrangea). This magnificent, perfectly hardy American Shrub has snow-white blossoms of largest size. One of its most valuable characteristics is its coming into bloom just after the passing of all the early Spring shrubs, while its long flowering season, from early June until late Au-

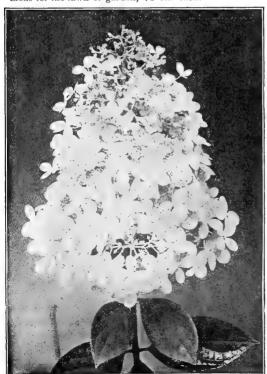
gust, makes it a valuable acquisition in any garden. Strong flowering plants, 25 cts. each; \$2.50 per doz.; \$18.00 per 100.



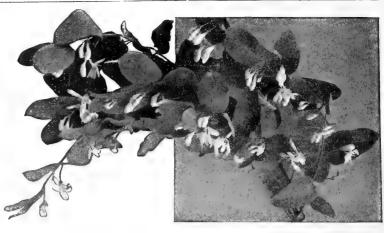
Fine bush plants, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Extra fine bush plants, 50 cts. each; \$5.00 per doz.; \$30.00 per 100.

Standard or tree-shaped plants, which will make beautiful specimens for the lawn or garden, 75 cts. each.



HYDRANGEA PANICULATA GRANDIFLORA



LONICERA (Bush Honeysuckle)

Hypericum Patulum Henryi. A new hardy St. John's Wort of shrubby habit, growing  $2\frac{1}{2}$  to 4 feet high and producing masses of clear yellow flowers during July and August. A most desirable shrub. 50 cts. each.

Itea Virginica. One of the prettiest of our dwarf native Shrubs; produces racemes of pure white flowers during June, which have a fragrance not unlike the Pond Lily. 25 cts. each.

Kalmia Latifolia (Mountain Laurel, or Calico Bush). Our native laurel, one of the most valuable evergreen Shrubs, bearing in May and June clusters of pinkish-white flowers of great beauty. Strong cultivated plants, \$1.00 each; \$10.00 per doz.; \$75.00 per 100.

**Ligustrum Ibota.** A graceful hardy Privet from Japan, of spreading habit, bearing small, fragrant white flowers in June and July. 25 cts. each.

- Regelianum. A handsome Japanese Privet, with spreading branches and dark green foliage, contrasting well with the racemes of fragrant white flowers in summer; elegant and graceful as an isolated specimen or for an informal hedge. 25 cts. each.
- Ovalifolium Aureum (Golden-leaved Privet). A beautiful golden variegated form and very effective for associating with other dwarf shrubs. 25 cts. each.
- **Ovalifolium** (*California Privet*). The popular variety for hedges, (See page 255.)

Lilacs. See Syringa, page 254.

Loniceras (Bush Honeysuckles).

- Grandiflora Rosea. Rosy-red flowers striped with white in June. 25 cts. each.
- Ledebouri. A vigorous growing Shrub with red flowers in May.
   25 cts. each.
- Morrowi. A handsome Japanese variety with white flowers during May, but especially valuable for its bright red fruit during the summer and autumn months. 25 cts. each.
- Pileata. A Chinese introduction and entirely distinct, forming a dense compact bush rarely over 12 inches high, with small, glossy, dark, evergreen foliage, and small whitish flowers and fruit. A good plant to use for foliage effect. 50 cts. each.
- Tatarica (Tartarian Honeysuckle). Pink flowers, contrasting beautifully with the foliage; blooms in June. 25 cts. each.
- Virginalis alba. A creamy-white colored variety of the above, flowering during May and June. 25 cts. each.

Mahonia Aquifolium. A dwarf Shrub, with shiny green prickly foliage and clusters of yellow flowers in May, followed by bluish berries. 50 cts. each.

# HENRY A. DREER: PHILADELPHIA: PA: CHOICE HARDY SHRUBS



JAPANESE MAPLES

- Magnolia Alba Superba. A very choice variety, bearing snow-white flowers in great abundance. Strong, bushy plants, \$3.00 each.
- Conspicua (Chinese White Magnolia). A highly prized species, large white flowers, which open about the middle of April. Fine bushy plants, about 3 feet high, \$3.50 each.
- Grandiflora. A magnificent species, with handsome evergreen foliage, producing in June immense white delightfully fragrant flowers. While there are several fine specimens of this tree in the vicinity of Philadelphia, it is not considered reliably hardy north of Washington. Pot-grown plants, 2 to 3 feet high, 50 cts. each.
- Kobus. One of the hardiest species in cultivation. Forms a large tree with white flowers 4 to 5 inches across, blooming in April and May. Strong pot-grown plants, 24 to 30 inches high, 50 cts.each.
- Soulangeana. A Chinese species which, while shrub-like in its young growth, attains the size of a tree in time; its flowers, which are produced early in spring, are cup-shaped, 3 to 5 inches in diameter, and are white inside, flushed with purple outside. Strong, he avy plants, \$2.00 each.
- ——Lennet. A variety of the above in which the outside petals are of a deep crimson. Strong, heavy plants, \$2.50 each.
- -- Stellata. A Japanese species, of dwarf habit and pure white, semi-double flowers during April. The earliest to bloom. Strong plants, \$2.00 each.

#### JAPANESE MAPLES.

(Acer Japonicum and Polymorphum.)

These are exceedingly beautiful, especially in spring, when they burst into leaf, and the colors of the foliage are deep and decided.

Japonicum Aureum. Golden yellow foliage.

Polymorphum Atropurpureum. Purple-leaved variety, deeply

Polymorphum Dissectum Atropurpureum. A handsome variety; leaves a beautiful rose color when young; change to a deep and constant purple as they become older; deeply and delicately cut, giving them a fern-like appearance.

Price. Any of the above Japanese Maples in fine four-year-old pot-grown specimens, 18 to 24 inches high, \$1.25 each; two-year-old plants, 6 to 8 inches high, 50 cts. each.

- Osmanthus Delavayi. A valuable new evergreen shrub introduced from Tunon where it grows at an altitude of 9000 feet, therefore perfectly hardy. The foliage is small of a deep green color; the fragrant, pure white tubular flowers are borne in terminal clusters at the end of the branches in very early spring. There being so few dependably hardy evergreen shrubs, this will prove a desirable acquisition. \$1.25 each.
- Ilicifolius. A compact, dense Shrub, with deep green, spiny-toothed, shining leaves; thrives best in a partially-shaded, protected position. 50 cts. each.

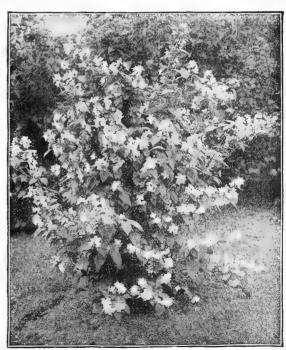
Philadelphus Conquete. Large single flowers in clusters of 3 to 5, completely covering the plant. 25 cts. each.

- Coronarius (Garland Mock Orange). This is the popular tall variety; very sweet and one of the first to flower. 25 cts. each.
- Coronarius aureus (Golden-leaved Mock Orange). Fine golden-yellow foliage, contrasting beautifully with the dark leaves of other Shrubs. 25 cts. each.
- Grandiflorus. A large white-flowered, robust grower. 25 cts. each.
- Nivalis. A splendid free-flowering single white. 25 cts. each.
- Purpureus Maculatus. Large white flowers, with a rosy-crimson spot at the base of each petal. 25 cts. each.

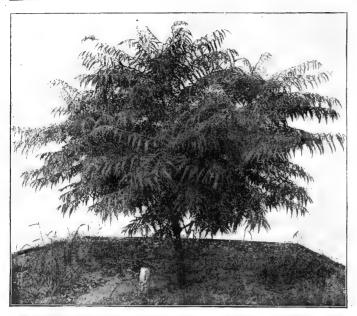
Potentilla Fruiticosa (Shrubby Cinquefoil). Forms an erect bush about  $2\frac{1}{2}$  feet high, with attractive foliage; commencing in July, it bears golden-yellow flowers all summer. 25 cts. each.

Prunus Japonica fl. pl. (Double-Flowering Almond). A beautiful dwarf Shrub, producing its showy double flowers early in May before the leaves appear. We can supply both white and pink. 35 cts. each.

- Pissardi (Purple-leaved Plum). A pretty Shrub, covered with single white flowers in spring. When they first appear the leaves are a lustrous crimson, changing to a rich purple. 35 cts. each.
- Triloba (Double-flowering Plum). An interesting Shrub, of medium height, bearing in early spring semi-double delicate pink flowers over an inch in diameter. 25 cts. each.



PHILADELPHUS CORONARIUS



RHUS TYPHINA LACINIATA.

Pyrus Japonica (Japan Quince). A very showy and popular Shrub of medium height, which blooms profusely in early spring; flowers dazzling scarlet. Makes an excellent hedge. 25 cts. each.

#### RHODODENDRONS.

This grand genus, with their huge clusters of flowers in beautiful colorings, stand unequalled among hardy flowering Shrubs, and during the latter part of May or early June no flower is more gorgeous, while the bright evergreen foliage is attractive at all seasons. They require only a good garden soil, which should be dug at least 2 feet deep and well mixed with leaf mould or peat, and a somewhat sheltered situation, the north angle of a building, which the majority of other plants dislike, being one of their favorite locations. They delight in an ample supply of water during their growing season, but must have perfect drainage. During the summer a mulch of any loose light material is beneficial, and a protection of leaves or brush through the winter.

To allow the next season's flower buds to develop, the old flower heads should be carefully removed after they are faded. The varieties offered below are a selection of the most dependable and hardiest of the

Catawbiense type.

Album Elegans. A fine white. Candidissimum. A fine white. Caractacus. Purplish-crimson. Charles Dickens. Deep crimson.

Catawbiense Grandiflorum. Soft violet-mauve.

Delicatissimum.
Everestianum.
F. D. Godman.

Blush-white.
Light rosy-lilac.
Crimson. General Grant. Analine-red.

Henriette Sargent. Clear pink with yellowish

green blotch on the upper petal. Light red. Ignatius Sargent.

Kettledrum. Red.

Mrs. C. S. Sargent. Soft rosy-pink. Prof. Charles S. Sargent. Rich crimson. Parson's Grandiflorum. Crimson-rose.

Roseum Elegans. Bright rosy-lilac.

We can furnish any of the sorts in strong bushy plants, well set with buds, in the following sizes, plants, well set with back, varying according to habit of variety.

EACH. Doz.

12 to 18 inches......\$1 00 \$10 00 \$ 75 00 15 00 100 00 15 to 24 inches...... 1 50 18 to 36 inches...... 2 50 25 00 200 00

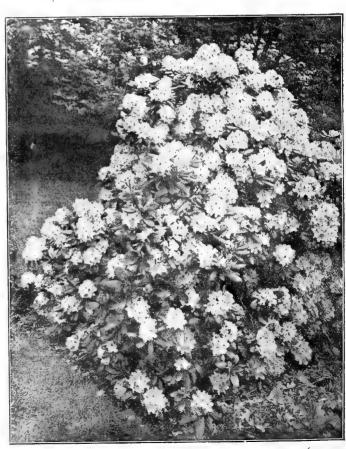
- Rhododendron Punctatum. A distinct species of compact, spreading habit; fine for planting in exposed situations, being very hardy; in June the plant is literally covered with clusters of purplishrose flowers. \$1.00 each; \$10.00 per doz.
- Racemosum. A pretty small flowered species, producing trusses of rosy-lilac flowers in April, small myrtle-like dark green foliage. 75 cts. each.

Rhodotypus Kerrioides (White Kerria). A very ornamental Japanese Shrub of medium size, which succeeds well in a shady position, with pretty foliage and large single white flowers the latter part of May. 25 cts, each.

Rhus Cotinus (Purple Fringe, or Smoke Tree). A low, shrubby tree, covered in midsummer with large clusters of feathery flowers, giving the appearance of a cloud of smoke or mist. 25 cts, each.

- Typhina Laciniata (Cut-leaved Staghorn Sumac). A large-growing, bold and effective Shrub, with delicate fern-like foliage and brilliant scarlet fruit in the autumn. 50 cts. each.

Ribes Atrosanguineum. An improved variety of the red-flowering Currant, and a highly decorative shrub, growing about 3 feet high, bearing in early spring numerous drooping racemes of pretty, carmine-rose flowers. cts. each.



HARDY RHODODENDRON



Rubus Deliciosus (Rocky Mountain Flowering Raspberry). One of the most desirable of our native Shrubs, making naturally a rounded, spreading bush 4 to 5 feet high, and producing in early summer masses of single white rose-like flowers and continuing in bloom for some time, followed by purplish-red fruit. 50 cts. each.

Sambucus Nigra Aurea (Golden Elder). Of strong growth and one of the best vellow foliage Shrubs: the color is remarkably bright, rich and constant, and makes a fine contrast in the shrubbery border. 25 cts. each.

- Racemosa (Red-berried Elder), A robust-growing Shrub, with white flowers in spring, followed by bright red berries in autumn. 25 cts. each.

Spiræa Anthony Waterer. A valuable variety; color bright crimson; it is of dwarf, dense growth, never exceeding 30 inches in height; in bloom the entire summer and fall. 25 cts. each.

- Billardi. Strong-growing, pink-flowered. 25 cts. each.
- alba. A white-flowered form. 25 cts. each.
- Lindleyana. Of vigorous growth, bearing large panicles of white flowers in July; foliage resembles Sumach. 25 cts. each.
- Opulifolia aurea (Virginian Guelder Rose). An interesting variety of medium growth with golden-tinted foliage and large white flowers in June. 25 cts. each.
- Prunifolia (Bridal Wreath). A favorite variety and one of the best; it is a beautiful Shrub of medium size with double white flowers in May. 25 cts. each.
- Reevesi fl. pl. Of medium growth, with double white flowers in clusters in May. Very fine. 25 cts. each.
- Sorbifolia Stellipeda. A splendid improvement on the old Mountain Ash-leaved Spiræa, with which it is identical, except that the white flowers are produced in immense pyramidal panicles, frequently ten inches wide by fifteen inches high; these, backed with the bright green ferny foliage, appear like large bouquets of bloom. Flowers during July and August. (See cut.) Strong plants, 50 cts. each.



Spiræa Sorbifolia Stellipeda

Spiræa Thunbergi. One of the most charming of all lowgrowing Shrubs, with fine delicate foliage, and a profusion of small white flowers in spring. 25 cts. each.

- Van Houttei. The grandest of all the white Spiræas; it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. (See cut.) 25 cts. each

> Staphylea Colchica (Bladder Nut). One of the finest tall-growing early springflowering Shrubs, coming into bloom at the same time as Lilacs. Flowers very attractive, white and fragrant; disposed in clusters of good size. 35 cts. each.

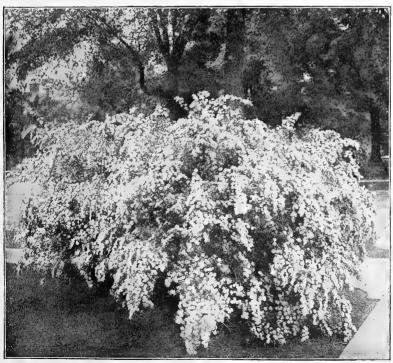
> Symphoricarpus Racemosus (Snowberry). A well-known dwarf Shrub with small pink flowers and large white berries that hang on the plant the greater part of the winter. 25 cts. each.

> - Vulgaris (Red-fruited, or Indian Currant). Similar to the above, but with bright red fruit. 25 cts. each.

> Tamarix Africana (Tamarisk). Strong, slender, tall-growing, irregular Shrubs, with feathery foliage and small, delicate flowers, borne profusely on gracefullybending branches. These pink flowers are very attractive during May. 25 cts. each.

> - Hispida Æstivalis. A distinct variety, with delicate, soft, pink sprays of flowers in July and August, a time when the shrubbery border is comparatively bare of flowers. 35 cts. each.

> - Indica. Very strong-growing, with feathery plumes of pale pink flowers in late summer and autumn. 25 cts. each.



SPIRÆA VAN HOUTTEI



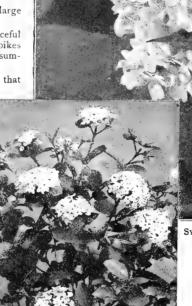
- -Common White (S. Vulgaris alba). Flowers white, fragrant, beautiful. 25 cts. each.
- Charles X. A strong, rapid growing variety, with large, shining leaves. Trusses rather loose; large, reddish-purple. 50 cts. each.
- Japonica. An elegant Japanese species, eventually forming a good-sized tree, flowers creamy-white, produced in great panicles a month later than other sorts. 50 cts. each.
- Mme. Casimir Perier. The finest double white Lilac yet introduced. The individual flowers, which resemble miniature Tuberoses, as well as the truss, are of immense size, deliciously scented; fine for cutting. (See cut.) 50 cts. each.
- Persica (Persian Lilac.) A favorite small flowered,
- graceful purple variety. 25 cts. each.

   President Grevy. Magnificent panicles of large double blue flowers. 50 cts. each.

Vitex Agnus Castus (Chaste Tree). A graceful Shrub, growing from 5 to 6 feet high, with dense spikes 6 to 8 inches long, of lilac-colored flowers late in summer. 25 cts. each.

- Macrophylla. A variety of the Chaste Tree that

came to us from a grower in Italy, and with which we have been greatly pleased. The general habit of the plant is similar to V. Agnus Castus, but much stronger in all its parts, the foliage being larger and heavier while the trusses of lavender-blue flowers are fully double the size. It blooms from July to September, and we believe is destined to become as popular as the Butterfly Shrub. Strong young pot-grown plants, 50 cts. each.



VIEURNUM CARLESI

SYRINGA OR LILAC MME CASIMIR PERIER

Viburnum Carlesi. (New.) An introduction from Korea, producing its delicately spice scented flowers in May and June. The buds before expanding are of an attractive pink color and develop into Bouvardia - like umbels of white flowers which

last in fresh condition for a long time; entirely distinct and most desir-

- Opulus (High Bush Cranberry). The white flowers in June are followed in autumn by bright scarlet berries, which are very attractive until very late in winter. 25 cts. each.
- Opulus Sterilis (Snowball or Guelder Rose). The popular white Snowball, filled with large pendant balls of white flowers in May. 25 cts.
- Plicatum (Japan Snowball). One of the choicest hardy Shrubs, with healthy dark foliage; the perfect balls of pure white flowers are borne in great profusion in May. 50 cts. each.
- Rhytidophyllum. A beautiful Chinese introduction, with almost evergreen foliage, which is from 8 to 9 inches in length by 2 to 21 inches broad, of a dark green, much channelled, making it most valuable as an ornamental foliage subject; the vigorous growths are terminated by yellowish-white flowers, which give place in September to dark red berries. \$1.00 each.

#### The Planting and Care of Shrubs.

The attention of our customers is directed to the cultural notes given on page 245.



# HENRY A DREER - PHILADELPHIA - PA - CHOICE HARDY SHRUBS-





WEIGELIA

Weigelia Candida. Fine pure white; flowers of large size. 25 cts.

Rosea. Soft rosy carmine. 25 cts. each.

Rosea Nana Variegata. Beautiful, clearly defined variegation of green, yellow and pink in its leaves; flowers delicate rose-pink. cts. each.

Eva Rathke. The finest Weigelia in cultivation; flowering continuously throughout the summer and autumn; of a rich ruby carmine. 25 cts. each.

NOTE .- Shrubs will be shipped on receipt of orders or as soon as they can be dug, unless instructed to the contrary.

We will supply all varieties priced at 25 cts. each, for \$2.50 per doz.; 8.00 per 100. Prices include packing and delivery to any transportation \$18.00 per 100. line in Philadelphia.

## **HEDGE PLANTS**

Strong bushy 3-year-old plants, 24 to 30 inches high. Plant 15 to 18 ches apart. We can supply the varieties as described on page 245. inches apart. \$15.00 per 100.

#### Berberis Thunbergi (Japan Barberry).

Where a low, dwarf decidious hedge is wanted, nothing equals this beautiful Barberry. Requires but little pruning to keep it in shape. The leaves are small, light green, and towards fall assume rich, brilliant colors, the fruit or berries becoming scarlet. Absolutely hardy in all parts of the country. Illustrated on page 247. Plant 12 to 15 inches apart. Extra strong 3-year-old plants, 18 to 24 inches high, \$2.00 per doz.;

\$15.00 per 100; \$120.00 per 1000.

#### Hydrangea Paniculata Grandiflora.

This popular Shrub makes an excellent hedge and is especially desirable as a dividing line between two properties. Plant 15 to 18 inches apart. Bushy plants, 2 to  $2\frac{1}{2}$  feet high, \$15.00 per 100.

#### Osage Orange (Maclura Aurantiaca).

This is not desirable for private gardens, but is still extensively used on farms: plant in double rows 9 inches apart.

Two-year-old plants, \$2.00 per 100; \$15.00 per 1000.

#### Pyrus Japonica (Japan Quince).

An excellent hedge plant with scarlet flowers. Plant 15 inches apart.

Four-year-old plants, 24 to 30 inches high, \$10.00 per 100.

#### California Privet (Ligustrum Ovalifolium).

Of all hedge plants this is the most popular and more of it is planted than all others combined. It is of free growth and succeeds under the most adverse conditions, such as under dense shade of trees, where other plants would not exist. Plant 1year-old plants 8 inches apart, the 2-year-old plants 10 to 12 inches apart.

Strong I-year-old plants, 18 to 24 inches high, \$3.00 per 100; 25.00 per 1000. Strong 2-year-old plants, 24 to 30 inches \$25.00 per 1000. high, \$5.00 per 100; \$40.00 per 1000.

#### Hardy Japanese Privet (Ligustrum Ibota).

Strong 2-year-old plants, 24 inches high, \$6.00 per 100; \$50.00 per 1000.

#### Regel's Privet (Ligustrum Ibota Regelianum).

A very hardy variety of spreading habit with gracefully recurving branches. Where an informal, natural hedge is desired this variety is the most desirable.

Strong 2-year-old plants, 24 inches high, \$6.00 per 100; \$50.00 per 1000.

#### Rosa Rugosa (Ramanas Rose of Japan).

Both the red and white flowering forms of this beautiful Rose are popular hedge plants, their bright, glossy foliage, showy large single flowers, which are followed by bright red fruits or hips, making them particularly desirable plants for this purpose. Plant 18 to 24 inches apart.

Strong 2-year-old plants, \$20.00 per 100.

#### Spiræa Van Houttei.

An ideal flowering shrub to use as a dividing line between Plant 18 to 24 inches apart. Strong 4-year-old plants, \$2.50 per doz.; \$15 00 per 100.





PICEA PUNGENS GLAUCA KOSTERI

## Choice Coniferous Evergreens

The coniferous Evergreens are indispensable in all ornamental plantings. They impart a finish to the landscape by their quaint or symmetrical growth, and whether planted as single specimens on the lawn or grouped together in masses, the light green, golden or silver-blue colors of their foliage are beautiful, winter and summer alike. We offer below a select list of the hardiest sorts. Nearly all of which can be supplied outside of the regular planting season in plants that are growing in cheap willow baskets, the idea being to plant basket and all, thus saving any disturbance to the roots and reducing the risk of loss to a minimum, the baskets decay and disappear in a short time and offer no resistance to the development of the roots.

- Abies Brachyphylla. Dark green above, silvery beneath. Plants, 2 feet high, \$1.50 each.
- -Nordmanniana ( $Nordman's\ Fir$ ). Dark lustrous green, silvery white beneath. Plants,  $3\frac{1}{2}$  feet high, \$3.50 each.
- -Veitchi (Veitch's Fir). Foliage glaucous above, white beneath. Plants, 3 feet high, \$2.00 each.
- Cryptomeria Japonica Lobbi Compacta (Dwarf Japan Cedar). A handsome dwarf Japanese Conifera of pyramidal outline. Plants, 2½ to 3 feet high, \$2.50 each.
- Juniperus Chinensis Argentea Variegata. Bluish-green foliage, interspersed with sprays of silvery-white. Plants, 3 feet high, \$2.00 each.
- -Japonica Aurea (Japanese Golden Cedar). The bright golden tips of the foliage form a pleasing contrast with the dark green of the rest of the plant. Plants, 2 feet high, \$2.00 each; 3 feet high, \$3.00 each.
- -Pfitzerianus. A beautiful form, with graceful dark green foliage. Plants, 3 feet high, \$2.50 each.
- Procumbens. Low, spreading growth, foliage dark green. Plants, 2 feet in diameter, \$3.00 each.
- -Virginiana Elegantissima. Tips of branches golden yellow. Plants, 3 feet high, \$2.00 each.
- Virginiana Glauca (Blue Virginia Cedar). Silvery-
- blue foliage. Plants, 2½ feet high, \$2.00 each.

  -Virginiana Schotti. Dense in growth with rich green foliage. Plants, 3 feet high, \$2.00 each.
- Picea Pungens Glauca Kosteri (Colorado Blue Spruce). The attractive silvery-blue color stands out strongly against all other evergreens. Plants,  $1\frac{1}{2}$  feet high, \$2.00 each; 2 feet
- high, \$3.00 each; 2½ feet high, \$4.00 each.

  Plungens Glauca Pendula (Weeping Blue Spruce).

  Distinct pendulous branches. Plants, 3 feet high, \$3.00 each.
- Alcockiana (Alcock's Spruce). Foliage dark green above and silvery beneath. Plants, 21 feet high, \$2.00 each.

- Picea Omorika. Foliage silvery underneath. Plants, 3 feet high, \$2.00 each.
- -Excelsa Inverta Pendula (Weeping Norway Spruce).
- Plants, 4 to 5 feet high, \$3.00 each.

  -Orientalis (Oriental Spruce). Foliage rich dark green. Plants, 21 feet high, \$2.00 each.
- Pseudotsuga Douglasi Glauca Elegans (Blue Douglas Spruce). Plants, 4 to 5 feet high, \$3.00 each.
- Retinispora Filifera (Thread-branched Japanese Cypress). Of very graceful outline, with bright green foliage. Plants, 3 feet high, \$3.00 each.
- Foliage, beautifully tipped with golden yellow, Plants,  $2\frac{1}{2}$  feet high, \$2.50 each.
- -Pisifera Aurea (Golden Sawara Cypress). A bright golden evergreen. Plants, 3 feet high, \$2.50 each.
- Obtusa Crippsil. Tips of foliage yellow. Plants, 3 feethigh,
- -Obtusa Gracilis. Plants, 3 feet high, \$2.50 each.
- -Plumosa Aurea (Golden Japan Cypress). One of the best of the Golden Coniferas. Plants, 3 feet high, \$3.00 each. Squarrosa Veitchi. Plants, 21 feet high, \$2.00 each.
- Sciadopitys Verticillata (Japanese Umbrella Pine). Plants, 18 inches high, \$1.25 each.
- Taxus Cuspidata Brevifolia (Japanese Yew). Foliage very dark green. Plants, 2 feet high, \$2.00 each.
  Thuya Occidentalis Rosenthali. Foliage dark green.
- Plants, 2½ feet high, \$2.00 each.
- Occidentalis Lutea (Geo. Peabody's Golden Arborvitae). Bright yellow foliage at the terminals of the Plants, 3 feet high, \$2.00 each.
- Orientalis Aurea Nana (Dwarf Golden Chinese Arborvitae). The foliage is a decided pretty golden-yellow. Fine specimens, 15 to 18 inches high, \$1.25 each.
- Thuyopsis Standishi. A strikingly distinct evergreen. Foliage rich, dark green color. Plants, 3 feet high, \$2.00 each.

# Dreer's Select Hardy Climbing Plants

All Plants are forwarded on receipt of orders unless instructed to the contrary, and are sent by Express, purchaser paying charges. We can forward small plants by Purcel Post, and if wanted sent in this way add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

#### ACTINIDIA ARGUTA (The Silver Vine).

A desirable Japanese climber of strong vigorous growth, with dark green, shining foliage and greenish white flowers with purple centres, which are followed by clusters of edible fruit with fig-like flavor. An excellent plant for covering arbors, trellises, etc., where a rapid and dense growth is desired. Strong plants, 60 cts. each; \$6.00 per doz.

#### ACTINIDIA CHINENSIS.

A valuable introduction from central China with large orbicular foliage of dark green, which, when young, is thickly covered with bright red hairs, giving it a beautiful velvety, or plush-like appearance. In its native habitat, it bears clusters of showy yellow flowers, succeeded by edible fruits the size of a walnut, of gooseberry flavor. A remarkably handsome, rapid growing climber for covering arbors, pergolas, etc. Strong plants, 75 cts. each.

#### AKEBIA QUINATA (Akebia Vine).

One of the most graceful of our hardy climbers, with deep green, small foliage,

and producing in early spring numberless bunches of violet-brown flowers, which have a pleasant cinnamon odor; most desirable for positions where a dense shade is not required. Strong plants, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

## **Ampelopsis** Engelmanni.

A greatly improved variety of the Virginia Creeper, with dense foliage of a glossy light-green in summer, changing to a brilliant crimson in the autumn. On a rough stone surface it will cling without support in the same way as the Japanese Ivy. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



AMPRIORSIS TRICOLOR



AMPELOPSIS LOWI



## Ampelopsis Lowi.

A splendid variation from the popular Boston or Japan Ivy, possessing all the merits of the parent, being perfectly hardy, clinging to the smoothest surface without support, and with much smaller foliage which is deeply cut, giving it a grace and elegance entirely distinct from the old type. In spring and summer

the leaves are a bright, fresh, apple-green color, changing in the autumn to various brilliant tones of orange, crimson and scarlet. Strong plants, 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

## AMPELOPSIS QUINQUEFOLIA.

(Virginia Creeper, or American Ivy.)

This well-known climber is one of the best and quickest growing varieties for covering trees, trellises, arbors, etc.; its large, deep green foliage assumes brilliant shades of yellow, crimson and scarlet in the fall. Strong plants, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

#### AMPELOPSIS TRICOLOR.

(Vitis heterophylla variegata.)

A beautiful and desirable climber, with fine dark green foliage, wonderfully variegated with white and pink; during the late summer and fall the plant is liberally covered with attractive small berries of a peculiar lustrous metallic peacock blue color; highly useful for trailing over rocks or for a low trellis. (See cut.) 25 cts. each; \$2.50 per doz.

AMPELOPSIS VRITCHI

## Ampelopsis Veitchi.

(Boston Ivy, or Japan Ivy.)

The most popular climbing plant for covering brick, stone or wooden walls, trees, etc.; when it becomes established it is of very rapid growth, and clings to the smoothest surface with the tenacity of ivy; the foliage is of a rich olive green during the summer, changing to various shades of bright crimson and scarlet in the fall. In

planting Ampelopsis of all kinds, the plants, if still in a dormant condition, should be cut down to within 6 inches of the ground, so that the new growth may cling to the wall or tree from the bottom up. (See cut.) Extra strong two-year-old plants, 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

#### APIOS TUBEROSA.

A valuable hardy tuberous-rooted climber, resembling in miniature the common Wistaria in vine and foliage, and having clusters of rich, chocolate-brown flowers, which have a strong delicious violet fragrance. They grow to a height of 8 to 10 feet, and bloom profusely. Plant 2 to 3 bulbs near together to produce a mass of vines and flowers. 5 cts. each; 50 cts. per doz.

#### ARISTOLOCHIA SIPHO.

(Dutchman's Pipe Vine.)

A vigorous and rapid growing climber, bearing singular brownish-colored flowers, resembling in shape a pipe. Its flowers, however, are of little value compared to its light-green leaves, which are of very large size, and retain their color from early spring to late fall; perfectly hardy. Strong plants, 50 cts. each; \$5.00 per doz.

#### **BIGNONIA** (Trumpet Vine).

For covering unsightly places, stumps, rockwork, or wherever a showy-flowering vine is desired, the Bignonias will be found very useful. The flowers are large, attractive and borne profusely when the plants attain a fair size.

Grandiflora. Large flowers of orange-red. 50 cts. each; \$5.00 per doz.

Radicans. Dark red, orange throat, free blooming and very hardy. 25 cts. each; \$2.50 per doz.

#### BOUSSINGAULTIA BASELLOIDES.

(Madeira, or Mignonette Vine.)

An old-fashioned popular vine, covering a large space in a short time. Fleshy heart-shaped leaves of a light green, and numerous racemes of feathery white flowers of delicious fragrance. Protect with litter in this latitude. Strong tubers, 5 cts. each; 50 cts. per doz.

#### CELASTRUS SCANDENS.

(Bitter Sweet or Wax Work.)

One of our native climbing plants, of rapid growth, succeeding in almost any situation, sun or shade, with attractive light green foliage and yellow flowers during June, which are followed in the autumn with bright orange fruit, which usually

remain on the plant throughout the winter. 25 cts. each; \$2.50 per doz.

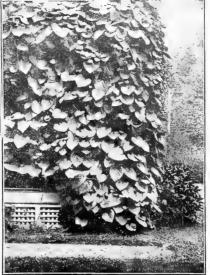
#### Cinnamon Vine.

(Dioscorea Batatas.)

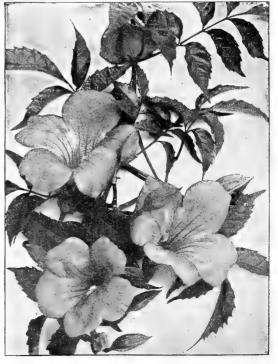
A rapid growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy green; growth is very rapid, often running 25 to 40 feet; quite hardy. Good roots, 5 cts. each; 50 cts. per doz.

#### Clematis Integrifolia Durandi

One of the most valuable of the large flowered blue Clematis, a vigorous, healthy grower not subject to disease, growing about 6 feet high and producing without intermission from June until late in fall showy indigo-blue flowers of great substance, 3 to 3½ inches in diameter. 50 cts. each; \$5.00 per doz.



Aristolochia Sipho



BIGNONIA, OR TRUMPET VINE

#### VARIOUS HARDY CLEMATIS.

Coccinea. Handsome bell-shaped flowers of a bright coral-red color from June until frost. 25 cts. each; \$2.50 per doz.

Crispa. Bears an abundance of pretty bell-shaped, fragrant, lavender flowers, with white centre, from June until frost. 25 cts. each; \$2.50 per doz.

Montana Grandiflora. Of stronger growth than any other Clematis, and succeeds under the most adverse conditions, and is perfectly hardy. Its flowers, which resemble the Anemone or Windflower, are snowwhite, 11 to 2 inches in diameter, and frequently begin to expand as early as the last week in April, continuing well through May, and are produced in such masses as to completely hide the plant. The best of the early spring-flowering climbers, of which there are but few. Extra strong 2-year-old plants, 50 cts. each; \$5.00 per doz.

Montana Perfecta. A cross between M. grandiflora and M. Rubens with flowers about the same size as the type, but with a delicate blush suffusion through the white. Strong plants, 75 cts. each.

Montana Rubens. A variety with flowers of a soft rosy-red, which are produced on the young wood; they, therefore, appear more or less freely during the entire growing season. Strong plants, 75 cts. each.

Montana Wilsoni. A splendid variety, the pure white flowers are larger than the type and appear during midsummer. Strong plants. 75 cts. each.

Paniculata (Japanese Virgin's Bower). This handsome hardy climber is one of the choicest and most satisfactory climbing flowering plants. Of strong, rapid growth, with small, dense, cheerful green foliage, and pure white, deliciously fragrant flowers, which appear in the greatest profusion in August and September, followed by silvery, feathery seed pods, which make an attractive appearance until mid-winter. The plant succeeds in almost any position. Not only is it adapted to run up all kinds of supports, but is just as useful for planting among rockwork, sloping banks, covering graves, or, in fact, any position where a graceful vine or trailer is desired. (See cut.) Strong 2-year-old plants, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



LARGE-FLOWERING CLEMATIS



CLEMATIS PANICULATA

#### LARGE-FLOWERING HARDY CLEMATIS.

No other climbing plant equals in attractiveness the beautiful large-flowering Clematis. Their requirements are somewhat different from most other plants, and proper conditions must be given to secure satisfactory results. They need rich, deep soil, perfect drainage, abundance of water, and, most important of all, they should be planted with the crowns three inches beneath the surface of the soil. They seem to do best in a position where they will not be exposed to the full sun during the hottest part of the day.

We are careful to send out only perfectly healthy stock, and cannot entertain any complaints on account of non-success with this class of plants.

Anderson Henryi. Creamy white, large. Boskoop Seedling (Sieboldi). Extra large lavender. Duchess of Edinburgh. Double pure white: Jackmani. The popular rich purple variety. Mme. Baron Veillard. Light rose, with lilac shading. Ville de Lyon. Bright carmine, the nearest to a red.

Price. Any of the above, 40 cts. each; \$4.00 per doz. One each of the 6 sorts, \$2.00.

Clematis Integrifolia Durandi. This beautiful dark blue variety is offered on opposite page.

#### EVONYMUS.

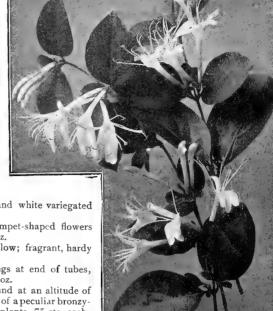
The trailing Evonymus are particularly desirable for their dense evergreen foliage and extreme hardiness, some varieties on account of this, in very cold climates, taking the place of the English Ivy for wall covering, others that of the box-wood as an edging plant.

Radicans. Deep green foliage, useful for covering low foundation walls, or may be clipped the same as box-wood for an edging plant. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Radicans variegata. A beautiful small-leaved green and white variegated form of the same habit as the type. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Radicans Vegeta. A large-leaved form, splendid for covering high walls. An enthusiastic horticultural writer predicts that this plant will become as popular as a wall cover in America as the Ivy is in England. 25 cts. each; \$2.50 per doz.

Kewensis. A new variety with very small dark green foliage. Everyone who has seen this appreciates its value as a rock plant or ground cover. It grows close to the ground and is one of the most valuable plants for under trees where grass will not grow. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.



Honeysuckle

#### HONEYSUCKLES.

**Chinese Evergreen** (*Woodbine*). Very fragrant, red, yellow and white variegated flowers; dark green foliage.

Coral or Scarlet Trumpet. Brilliant coral-red clusters of trumpet-shaped flowers throughout the summer and autumn. 40 cts. each; \$4.00 per doz.

Halleana (Hall's Monthly). Flowers pure white, turning to yellow; fragrant, hardy and almost evergreen; flowers freely.

Heckrotti. Deep rosy-red flowers with yellow and buff markings at end of tubes, very fragrant and perpetual flowering. 40 cts. each; \$4.00 per doz.

Henryi. A recent introduction from China, where it has been found at an altitude of 6000 feet, with almost evergreen foliage, and entirely distinct flowers of a peculiar bronzy-red color, produced in graceful panicles in early summer. Strong plants, 75 cts. each. Variegated (Aurea Reticulata). Foliage beautifully mottled yellow and green;

succeeds in any situation.

Price. Any of the above, except where noted, as follows: Strong plants in 4-inch pots, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Heavy plants in 6-inch pots, 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

### HOP VINES (Humulus Lupulus).

A useful climber for covering unsightly places. It is a rapid grower and bears a profusion of seed-pods suitable for many domestic purposes. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

# per 100.

LATHYRUS "WHITE PEARL"

#### HARDY ENGLISH IVY.

Invaluable evergreen variety, used for covering walls, etc., and has become very popular for covering graves, especially if in the shade, where grass will not succeed. Large plants, 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

#### HARDY JASMINES.

Favorite climbers for sheltered positions; hardy south of Philadelphia.

Nudiflorum. Fragrant yellow flowers. 25 cts. each; \$2.50 per doz. Officinale. Pure white, fragrant. 25 cts. each; \$2.50 per doz.

#### LATHYRUS (Hardy Everlasting Pea).

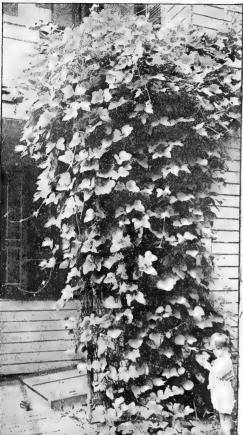
One of the best and most desirable flowering hardy climbing plants, attractive both in flower and foliage, growing to a height of 8 to 10 feet, and producing clusters of large flowers the entire summer; fine for cutting; lasting well.

Latifolius. Deep rosy-red. Albus. Pure white. } 15 cts. each; \$1.50 per doz.

— White Pearl. A magnificent pure white variety, with individual flowers fully double the size of the ordinary sort. These are produced in really gigantic trusses, and are of the purest white and in bloom throughout the entire summer and early fall. Strong roots, 30 cts. each; \$3.00 per doz.

#### LYCIUM BARBARUM (Matrimony Vine).

A very ornamental shrubby climber, which, on account of its ability to adapt itself to all conditions, has appropriately been called "the general utility vine," of strong growth, bearing small purplish flowers in summer, followed by a prodigious crop of scarlet berries, which remain on the vine until late in winter. 25 cts. each; \$2.50 per doz.



#### PUERARIA (KUDZU VINE)

#### POLYGONUM AUBERTI.

A splendid climber, producing great foamy sprays of white flowers at the extremities of the branches during the late summer and autumn; a two- or three-year-old established plant when in flower is a pleasing sight. 50 cts. each.

#### **POLYGONUM** MULTIFLORUM.

A rapid-growing climber, attaining a height of 15 feet or more in a season, with bright green heart-shaped leaves and masses of foamy white flowers from the axils of each leaf during September and October. 25 cts. each; \$2.50 per doz.

#### Pueraria Thunbergiana.

(Kudzu Vine.)

The most rapid-growing vine in cultivation, attaining, after once being established, a height of 50 feet or more in one season. Its foliage is large and furnishes dense shade; it bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. cts. each; \$2.50 per doz.

#### SCHIZOPHRAGMA HYDRANGEOIDES.

(Climbing Hydrangea.)

Although introduced from Japan in 1879, this grand climber is still rare. It is one of the most interesting of our hardy climbers. Its flowers, which are borne in large trusses, are similar to a white Hydrangea, and when in flower during July and August, makes a handsome display. One of the best flowering vines for planting against a tree or wall, as it clings naturally to any rough surface. (See cut.) Strong plants, \$1.00 each.

#### VITIS.

Henryana. A recent introduction from China, with foliage similar to but not as large as the Virginia creeper, the leaves being of greater substance, and prettily variegated. The ground color is a deep velvety-green, the midrib and principal veins of silvery white. The variegation is most pronounced in the autumn, when the green ground color changes to red. 50 cts. each; \$5.00 per doz.

Humulifolia (Turquoise-berry Vine). One of the most desirable very hardy climbers, with glossy dark green leaves, which are insect and disease proof, always presenting a clean, fresh appearance. In late summer and fall the plant is loaded with berries, which are very attractive in the various stages of ripening, passing through many shades of blue, finally turning blue-black. 25 cts. each; \$2,50 per doz.

Megalophylla. A remarkable Chinese species, with very large dark green foliage, and bearing an abundance of attractive black fruit. 25 cts. each; \$2.50 per doz.

**Thompsoni.** Another pretty species with deep green foliage tinted with purple-bronze and claret on the under side, changing to purplish-red in the autumn, of slender growth and suitable for a position where a stronggrowing vine would be too vigorous. 50 cts. each.

#### WISTARIAS.

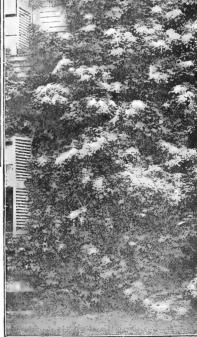
One of the best hardy climbers. When given a sunny situation and liberal manuring grows rapidly, and presents when in bloom a magnificent appearance.

Multijuga. A Japanese variety, bearing loose panicles frequently 3 feet long of deep purple flowers.

Sinensis. The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed.

- Alba. Of similar habit to Sinensis, with pure white flowers. Price, any of the above, strong plants, 50 cts. each.





SCHIZOPHRAGMA HYDRANGEOIDE

# DREER'S SELECT SMALL FRUITS

All Plants are forwarded on receipt of order unless instructed to the contrary and are sent by Express, purchaser paying charges. We can forward small plants by Purcel Post, and if wanted sent in this way add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

While the list of Small Fruits offered is short, yet it is very select, only the very finest sorts being offered. This is preferable to a long list which would necessarily contain varieties of less merit.



RATHBUN BLACKBERRIES

#### BLACKBERRIES.

Blackberries respond generously to good treatment. They prefer a deep soil, inclining to sand, but will grow and fruit almost anywhere.

Erie, Kittatinny, Rathbun, Snyder. Price: 50 cts. per doz.; \$3.00 per 100; \$25.00 per 1000.

#### CURRANTS.

Currants do well in partial shade, but require rich soil and good culture. The following are the very best sorts.

Cherry. Deep red.

Fav's Prolific. Color, rich red; a leading variety for home use.

Lee's Black Prolific. The favorite sort for preserving.

Perfection. Superior to all other red sorts, combining size, color, high quality and productiveness in a superlative degree; has been awarded two gold medals. 15 cts. each; \$1.50 per doz.; \$12.00 per 100.

White Grape. Best white variety.

Wilder. A grand red variety; of fine flavor and a great yielder.

Price: Any of the above (except where noted) strong two-year-old plants, 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

## FRENCH PRESERVING CURRANT "BAR-LE-DUC."

Anyone fond of currant jam will appreciate this variety, if only for the reason that the fruit is almost seedless, besides which it has a flavor not approached by any other sort. 25 cts. each; \$2.50 per doz.

#### LUCRETIA DEWBERRY.

Earlier than any Blackberry, as large as the largest and of better flavor. For best results should be grown on a trellis or stake. 35 cts. per doz.; \$2.50 per 100; \$20.00 per 1000.

#### GOOSEBERRIES.

Gooseberries demand rich soil and good culture. A heavy manure mulch around the bushes during the heat of the summer will largely prevent mildew. We offer strong two-year-old plants.

Industry. Of English origin; succeeds admirably and is a great favorite in this country, bearing immense crops of large, reddish berries.

Red Jacket. An American sort, possessing all the good qualities of the English type, and withstanding our severe climatic conditions. A wonderful cropper, with clean, healthy foliage.

The Pearl. Fruit of large size; color pale green and of excellent quality, either a dessert fruit or for cooking.

Price: Any of the above, 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

#### RASPBERRIES.

Raspberries succeed in any soil that will grow good corn, but respond quickly to liberal treatment; for best results the old wood should be cut out just as soon as the crop has been gathered; this will give more vigor to the young canes for next year's bearing.

Columbian. Large, dark red, strong, robust and productive.

Cumberland. A black cap of exceptionally large size; of extra fine quality. Cuthbert. Large, deep, rich crimson.

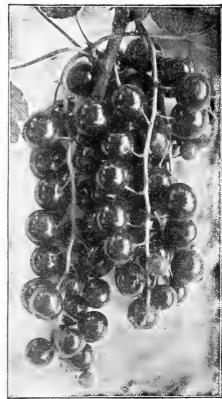
Kansas. One of the best and largest black caps.

Marlboro'. Bright crimson.

Price: Any of the above, 50 cts. per doz.; \$3.00 per 100; \$25.00 per 1000.

## NEW EVERBEARING RASPBERRY, RED RANERE.

This is not only the earliest red raspberry but it is a perpetual fruiting variety. Its main crop is greater than any other and continues to bear fruit on the old canes until late in August, at about which time the berries begin to ripen on the young canes of the current year's growth, which continue to bear fruits in increasing number until late in Fall. The berries are bright crimson, of good size, excellent quality, of a rich sugary, full raspberry flavor. 10 cts. each; 60 cts. Per doz.; \$4.00 per 100; \$30.00 per 1000.



PERFECTION RED CURRANT

## SELECT SMALL FRUITS. HENRY A. DREER - PHILADELPHIA - PA - SS

#### Select Dozen Hardy Grapes.

(Rogers' No. 15.) Large, dark red, sweet. Agawam. A fine red sort; resembles Catawba, with rich-Brighton. ness of the Delaware.

Campbell's Early. An improved Concord; very early. Catawba. Red; sweet and rich, with pleasant musky flavor. The most popular black grape; succeeds every-Concord. where.

Delaware. Light red, sweet, sprightly; fine flavor. Lindley. (Rogers' No. 9.) Large red, good quality. Moore's Diamond. Delicate, greenish-white, with rich yellow tinge. Prolific, early and hardy; of fine quality.

Moore's Early. Large, black; good quality.

Niagara. Berries large, light greenish-white, slightly ambered. Pocklington. Bunch and berry large, golden-yellow.

Worden. Black, hardy, healthy; of fine quality.

Price. Strong selected two-year-old vines, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

## DREER'S COLLECTION OF SIX LUSCIOUS STRAWBERRIES

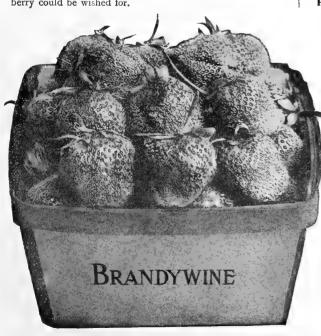
Notwithstanding the care we take in keeping our list down so as to include only varieties of sterling merit, the amateur finds difficulty in making a selection that will produce a bountiful supply of the finest fruit from the beginning to the end of the season. It is for such that we offer this collection of six varieties; all sorts which adapt themselves to the most varied conditions of soil and climate, and which in our judgment combine in the highest degree all the qualities looked for in high grade herries

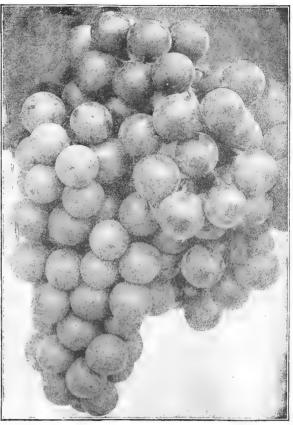
**Brandywine.** (*Mid-season*, *Perfect*.) Extra large fruit of a rich red color and delicious flavor; a high grade berry in which we have been unable to discover any defect.

Chesapeake. (Late, Perfect.) This variety has made a great record for itself over the whole country. It does not set an immense quantity of fruit, but every blossom makes a well developed and strictly fancy berry of good color.

First Quality. (Mid-season to Late, Perfect.) The uniformly large size and remarkably large crop of berries of most pleasing flavor produced by this variety make it a universal

Gandy's Prize. (Late, Perfect.) This is the standard late variety which has held its own for many years, and by which every new late sort is judged. It requires a rich soil for its perfect development, and where this is supplied no better berry could be wished for.





HARDY GRAPES

Marshall. (Early, Perfect.) So well known as one of the finest and earliest berries grown, that it is almost useless to describe it. There is no other in the market to compare with it in its season.

Wildwood. (Extra Early, Perfect.) A berry that will delight every amateur with fruit of large size, and has the aroma and flavor of the wild Strawberry. We cannot recommend this berry too highly for home use.

Price. Any of the above varieties in strong layer plants, 25 cts. per doz.; \$1.00 per 100; \$6.00 per 1000.

Or, we will supply collections as follows: 6 plants each of the 6 varieties, 36 in all, for \$ 60 " " 6 " 72 " " " 1 00 " " 6 " 150 " " " 1 50

### CHOICE STANDARD AND **NEW STRAWBERRIES**

		er oz.	Per 100.	Per 1000.
Barrymore. Mid-season, perfect	25	cts.	\$1.00	\$6.00
Big Joe. (New.) Mid-season,				
perfect	40	66	2.00	15.00
Climax. Early, perfect,		66	1.00	6.00
Clyde. Early to mid-season, perfect	25	66	1.00	6.00
Early Ozark. Early, perfect		66	1.00	6.00
Glen Mary. Mid-season, perfect		66	1.00	6.00
Heritage. Very late, perfect		6.6	1.00	6.00
Nick Ohmer. Mid-season, perfect		66	1.00	6.00
Rewastico. (New.) Late, perfect		66	1.50	10.00
Sharpless. Mid-season, perfect.		66	1.00	6.00
Warren. (New.) Mid-season,				
perfect	25	4 6	1.50	10.00
William Belt. Mid-season, per-				
fect		66	1.00	6.00

Note.—Layer Strawberries offered above cannot as a rule be supplied after May 1st; the earlier in the season they are planted the better the results. Our Mid-Summer Catalogue, issued in June, offers pot-grown plants for summer planting.



AUTUMN FRUITING STRAWBERRIES

## The Two Best **Autumn Fruiting Strawberries**

Fall Bearing Strawberries of European origin have frequently been offered, and while we have seen good crops of fruit in specially favored localities during the late Summer and Fall months, none have been of value for general planting in our trying climate. The two varieties offered below are of American origin and have been grown in nearly all parts of the country with gratifying results; under ordinary conditions they produce their main crop of fruit at the same time as other varieties and keep on bearing until frost. The proper plan is to cut off all buds as they appear until late in July, and thus conserve the strength of the plants for the fall crop. Treated in this way an abundant crop of berries may be looked for during September and October. Good cultivation is essential to bring about the best results, a liberal mulching during the summer is beneficial and the plants should not be allowed to suffer for lack of water at any time.

Superb. The berries are very large, regular in shape, glossy and attractive; quality extra fine.

Progressive. This is the latest addition to the Fall-bearing type and a decided acquisition; it is prolific, with beautiful, good sized luscious fruit.

Price. The two autumn fruiting Strawberries described above will be supplied in pot-grown plants which will produce a crop of fruit this season at 75 cts. per doz.; \$4.00 per 100; \$35.00 per 1000.

#### Vegetable Plants Roots and

We grow large quantities of Vegetable Plants and Roots, and can supply all the varieties listed below in their proper season. For late Cabbage, Cauliflower, Brussels Sprouts and Celery Plants, see our Midsummer List, issued in June. Free on application.

Artichoke Plants, Dreer's Selected Large Green. Ready for shipment after April 15th. \$1.50 per doz.; \$10.00 per 100.

Asparagus Roots. We offer strong two-year-old roots of the following varieties:

Argenteuil, Dreer's Eclipse, Barr's Mammoth, Columbia Mammoth White, Palmetto, and Conover's Colossal.

Any of the above Asparagus 20 cts. per doz.; \$1.00 per 100; \$6.00 per 1000.

Dreer's Cultural Notes on Asparagus free on application.

Cabbage Plants. Hot-bed plants for delivery April 15th to June 1st. Early Jersey Wakefield and Early Summer, 40 cts. per 100; \$3.00 per 1000.

Cauliflower Plants. Dreer's Snowball. From hotbed; ready April and May. 25 cts. per doz.; \$1.50 per 100.

Chamomile. 10 cts. each; \$1.00 per doz.

Chives. For flavoring. 10 cts. per clump; \$1.00 per doz.

Egg Plants. Ready in May and June. Black Beauty, the best variety. Grown in pots, 60 cts. per doz.; \$4.00 per 100.

Hop Vine Roots. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Horseradish Sets, New Bohemian. A new variety, which produces roots of enormous size and succeeds in every soil. 20 cts. per doz.; 75 cts. per 100; \$6.00 per 1000.

Lavender. Plants, 15 cts. each; \$1.50 per doz. Lettuce. Ready in April and May. Dreer's All-Heart and Hanson. 40 cts. per 100.

Pennyroyal. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.
Peppermint. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.
Spearmint. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Peppers. Pot-grown plants ready in May and June. Bell or Bullnose and Long Red 30 cts. per doz.; \$2.00 per 100. Cavenne.

Best extra early, very tender, fine flavor. 25 cts. each; Rhubarb Roots, Champagne. \$2.50 per doz.; \$15.00 per 100.

Rhubarb Roots, Victoria. Strong roots, 10 cts. each; \$1.00 per doz; \$6.00 per 100.

Rosemary. 15 cts. each; \$1.50 per doz.

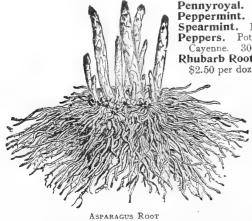
Sage, Holt's Mammoth. 10 cts. each; \$1.00 per doz.

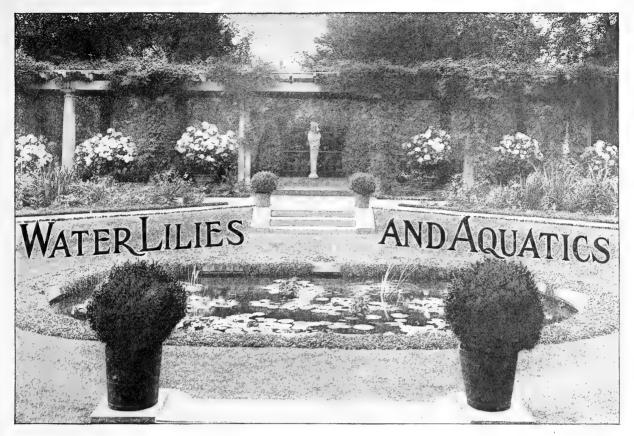
Savory, Winter. 25 cts. each; \$2.50 per doz.

Sweet Potato Plants. Ready in May and June. Red and Yellow Nansemond. 40 cts. per 100; \$2.50 per 1000. Tansy. 10 cts. each; \$1.00 per doz.

Tarragon (Estragon). 25 cts. each; \$2.50 per doz.

Thyme, Broad-leaved English. 10 cts. each; \$1.00 per doz. Tomato Plants. We make a specialty of pot-grown Tomato Plants, and can supply through the planting season (May and June) the following varieties: Early Detroit, Dreer's Selected Stone and Ponderosa. 50 cts. per doz.; \$4.00 per 100.





ALL water, whether it be a lake, stream, pond, or even a small pool, seems to hold a certain charm for every one, and, when this water is inhabited and beautified by aquatic plants and fish, it becomes fascinating, and when we consider the ease with which these plants can be grown, there is no reason why every natural lake, pond and stream having the proper conditions, which are sunshine, still, warm water, and plenty of rich soil, should not be so beautified. Where stagnant pools exist, it becomes a hygienic necessity to stock same with plants and fish, for, when properly balanced with plant and animal life, the water becomes, and will remain, pure and sweet, and in place of a mosquito and malaria-breeding pool we have a healthful and delightful aquatic garden.

#### A FEW CULTURAL HINTS ON WATER LILIES.

Our Water Lily Booklet, giving complete cultural directions, sent on application.

All Water Lilies and aquatics will grow in any good garden soil enriched with one-fifth well rotted manure, or if manure is not procurable use I quart of ground bone to each bushel of soil. All flowering aquatics should be planted so that they will be exposed to full sunlight.

In constructing artificial ponds a total depth of two feet is sufficient; one foot for soil and one foot for water.

For those who have not the advantage of natural ponds or large artificial basin, there are many varieties which can be grown successfully in half-barrels or any water-tight receptacle having a diameter of two feet or more, but the greater the surface space the better will be the results.

Many of the Nymphæas and other aquatics, and all of the Nelumbiums, can be successfully grown in half-barrels. To do this, fill the tubs half full with soil, top-dressed with two inches of sand, allowing about six inches for water. Sink the tubs in the ground to within three inches of the top. When more than one tub is used a very ornamental effect can be produced by leaving a space between the tubs to be used as a miniature rock garden.

As all Water Lilies and more especially the tender varieties, prefer still, warm water, it is a mistake to have any fountain or other continuous inflow of water in connection with artificial ponds or tanks, and in natural ponds, when such are fed with a large inflow of cold spring water, Lilies will not be a success.

For artificial ponds and tanks it is best only to give enough fresh water to replace what is lost by evaporation, etc.

Hardy Nymphæas can be planted at any time from April to September. The best results, however, will be obtained if the planting is done just as they start into growth, which in the vicinity of Philadelphia is about May 1st.

Tender Nymphæas will grow and luxuriate under the same conditions as the Hardy Nymphæas, but the more sheltered and warmer the location the better will be the results.

Tender Nymphæas should not be planted until after the weather

has become warm and settled, or at about the same time that such tender plants as Coleus, etc., are planted in the border.

Hardy Nymphæas and Nelumbiums need no care during the winter, provided the water is of sufficient depth so that it will not freeze to the crown of the plants. In cement tanks drain off all the water and fill in with leaves or cover with boards and leaves or litter. If grown in tubs or boxes the plants should receive a top-dressing of ground bone at the rate of one pound to each plant, just as growth starts in spring. It should be distributed evenly over the surface of the soil, and a little sand or fine soil spread over all to keep it from floating away. Lilies which are grown in beds of soil or in natural ponds will be much benefited by an application in spring of Dried Blood manure, broadcasted on the surface of the water at the rate of one pound to every ten square feet of surface. Tender Nymphæas require to be wintered in tubs or tanks in a greenhouse where a temperature of 60° is maintained. As strong plants are quite troublesome to winter, even under favorable conditions, we advise to leave them out and get new plants each season.

Nelumbiums are supplied in tubers, and should not be planted before May 1st. The treatment is the same as recommended for hardy Nymphæas, excepting that they do best when planted in soil that is at least two feet deep and covered only with six inches of water.

inches of water.

All tanks, ponds or lakes should have submerged plants growing in them to aerify the water, thereby keeping it pure and sweet. The best plants for this purpose are Anacharis canadensis gigantea and Cabomba viridifolia. Six plants in a pool 10 feet across will be ample. These can be planted in water from six inches to two feet deep.

Fish should be in all ponds, from the smallest tub to the largest lake, as they destroy all mosquito larvæ and other insects. In lily ponds gold fish are preferable, being both useful and ornamental. A tub should have two fish in it, and twenty-five fish will be sufficient to stock a pond one hundred feet in diameter.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

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## TROPICAL OR TENDER WATER LILIES

The Tender Water Lilies are supplied after May 1st in strong, growing pot-plants, and should not be planted out until after the weather has become settled and warm, generally about June 1st, in the latitude of Philadelphia. Place your order for these plants early, and we will reserve them until the proper planting season. All of the tender varieties are most suitable for planting in artificial pools, and especially so in connection with formal gardens. They are also very desirable for cutting, more particularly the night-blooming varieties, which when cut open from three to five days in succession, and are very brilliant under artificial light. The entire list of Tender Water Lilies, when planted out under favorable conditions, commence to bloom about July 1st and continue without interruption until stopped by hard frost.

## Day-blooming Tender Nymphæas

Capensis (Cape Blue Water Lily). Flowers rich sky-blue. Very desirable and useful for cutting. 75 cts. each.

Coerulea (Blue Lotus of Egypt). Flowers light blue, suffused with white; yellow centre. 75 cts. each.

Daubenyana. Small, fragrant light blue flowers, valuable for winter blooming in aquariums or small pools and very interesting because it produces young plants at petiole of each leaf, which during the summer months flower freely. \$1.00 each.

The only white flowering day-blooming tropical Gracilis. Water Lily. Flowers of medium size, six to eight inches across, produced freely on long stems. \$1.50 each.

Grossherzog Ernst Ludwig. An extremely free-flowering variety, producing flowers of the largest size of a true violet blue with a golden yellow centre, forming a charming blue and gold combination. \$2.50 each.

Mrs. C. W. Ward. One of the very best of the day-blooming varieties. Deep rosy-pink flowers produced on long stems. A free and continuous bloomer. \$2.00 each.

Ovalifolia. A new variety from East Africa, which is entirely distinct from all others. The flowers are of large size, 8 to 10 inches across, held well above the foliage and of a deep creamy white; the base of each petal being faintly suffused with blue, which gradually deepens until the tips of each petal are a decided light corn-flower blue, stamens sulphur yellow, making a novel and charming color combination. The petals are rather long and narrow, giving the flower a pretty star shape. Very fragrant and a strong grower and free-flowering. Awarded several certifical past season. Strong plants ready June 1st. Awarded several certificates of merit the

Pennsylvania. A hybrid that originated in the botanical department of the University of Pennsylvania, and which is most aptly described as an improved N. Pulcherrima, flowers being larger in size and of a deeper, richer blue; otherwise it possesses all the many good points of that grand, free and continuous flowering Nymphæa. \$2.50 each.

Pulcherrima. This variety flowers continuously winter and summer, making it the best for furnishing blooms early and late in the season. Flowers large, ten to twelve inches across. Of a fine light blue with yellow centre. \$2.00 each.

Wm. Stone. Rich violet-blue shaded amaranth; stamens purple with deep yellow centre. It stands well out of the water, and is of vigorous, spreading habit. The flowers open early in the day and remain open until late in the afternoon. \$2.00 each.

Zanzibariensis. A superb Water Lily, and the darkest blue or purple of the genus. Flowers six to ten inches in diameter: very free-flowering and exquisitely fragrant. \$1.50 each.

Zanzibariensis azurea. Similar to the type, but flowers opening wider and of a clear azure-blue color. 75 cts. each.

Zanzibariensis rosea. Flowers of various shades of rose, otherwise like the type, but opening earlier in the morning. 75 cts. each.





## Night-blooming Tender Nymphæas

Bissetti. Flowers of the largest size, 8 to 10 inches in diameter; cup-shaped; quite double and of a beautiful glowing shade of rosy pink. \$2.00 each.

Deaniana. Flowers pure light pink; sepals deep rose pink; stamens red. \$1.50 each.

Dentata. Flowers white, measuring from 8 to 12 inches in diameter, opening out horizontally. 75 cts. each; \$7.50 per

Large cup-shaped creamy white Dentata Magnifica. flowers ten to twelve inches across. Very desirable. \$2.00 each.

Dentata Superba. The largest white Water Lily grown. Flowers of clear glistening white, ten to fourteen inches in diameter, opening out very flat. \$2.50 each.

Devoniensis. This old favorite produces its large pure red flowers in the greatest abundance, a single plant often having from twelve to eighteen blooms open at one time, making a mass of color that is really astonishing. 75 cts. each; \$7.50 per doz.

Frank Trelease. The darkest colored of all tender Water Lilies. A glowing dark crimson. Foliage glossy dark red, making the whole plant very ornamental. \$1.50 each.

Geo. Huster. Brilliant crimson flowers, ten to twelve inches in diameter. Very free flowering. \$2.00 each.

Jubilee. White, flushed pink at base of petals. \$1.50 each.

Kewensis. Medium size light pink flowers, produced in great abundance, making it a fit companion for Devoniensis. \$1.50 each.

O'Marana. Flowers large and massive. Color, pink, suffused with red, each petal having a nearly white stripe up the middle. Eree-flowering and very desirable. \$1.00 each.

Rubra Rosea. One of the best and largest rosy red tender Water Lilies, producing with remarkable freedom massive flowers eight to ten inches across, 75 cts. each; \$7.50 per

Sturtevanti. Color of flower varies according to culture from pure pink to bright red with orange centre. Quite double and very large. This variety produces the finest individual flowers of any, but requires a hot summer, or heated tank; with very liberal treatment to grow it to perfection.

## Victorias, or Royal Water Lilies

Victorias have long been grown in the public parks and gardens of the United States, and are now well known to all lovers of

They should not be shipped until the weather becomes warm and settled, generally after June 10th. Place your orders for these plants EARLY, and we will reserve them for you until proper time to plant

Victoria Regia. The well-known original species. Plants, \$7.50 and \$10.00 each, according to size. Seeds, 3 seeds for 75 cts.; \$3.00 per doz.

Victoria Trickeri. A remarkable variety of vigorous and rapid growth, leaves 4½ to 5½ feet across, a single plant frequently having from twelve to fifteen leaves in good condition, and producing three and four flowers in a single week during the height of the season. Flowers white on opening, changing to deep rose-pink, and having a strong fragrance not unlike that of a ripe pine-apple. Plants, \$7.50 and \$10.00 each, according to size Seeds, 3 seeds for 75 cts; \$3.00 per doz.

## **NELUMBIUMS**

No flowering plants, aquatic or others, are more worthy of cultivation than the Nelumbiums, and none can be cultivated more easily. If they never bloomed, their foliage alone would be enough to win the admiration of everyone. 'Their enormous leaves, of tender bluish green, held aloft on tall, flexible stalks, sway and wave in the slightest wind. But when this is crowned with a wealth of beautiful flowers, gigantic in size, exquisitely tinted, perfect in form, and with a perfume strong, yet delicate, it is easily understood why they hold the foremost place among aquatics.

Their culture is quite simple, requiring the same treatment as other hardy Water Lilies. See page 265.

Some varieties are slow in growth after transplanting, and it may be the second year before they flower; but the second and third seasons generally repay for any extra care or patience expended. All Nelumbiums are suitable for tub culture.

NOTE. - Nelumbiums can only be supplied in dormant tubers from May 1st to June 15th, after which date only such varieties as we can furnish in pots should be planted.



NELUMBIUMS

Pekinensis rubrum plenum. Identical with the preceding, but with immense giant double pæony-flowered blooms. Dormant tubers, \$5.00 each; pot plants, \$6.00 each.

Roseum. Flowers of a uniform deep rose-pink. Dormant tubers, \$2.00 each; pot plants, \$3.00 each.

Roseum plenum. A magnificent variety, with large, full, double bright rose flowers. Dormant tubers, \$2.50 each; pot plants, \$3.50 each.

Album Grandiforum. (Syn. A. floribunda.) A grand white variety, whose purity, fragrance, size, majestic foliage and hardiness stamp it as one of the best. Dormant tubers, \$2.00' each; pot plants, \$3.00 each.

Album Striatum. The flowers of this exquisite variety are pure white, the edge of the petals irregularly striped and tipped rosy carmine, with distinct magnolia fragrance. Strong, vigorous grower. Dormant tubers, \$2.50 each; pot plants, \$3.50 each.

Kermesinum. A distinct and charming variety, bearing flowers resembling the Hermosa Rose in color; the earliest flowering variety, blooming end of June in this section. Dormant tubers, \$1.50 each; pot plants, \$2.50 each.

Kinshiren. Flowers white shaded pink; very free-flowering, coming into bloom early and continuing throughout the season. Dormant tubers, \$2.50 each.

Luteum. (American Lotus, Water Chinquepin.) A superb variety with yellow flowers; indigenous in the Western and Southern States. It has been introduced into the Eastern States, where, as a rule, it grows as freely as any native plant. Dormant tubers, \$1.00 each; pot plants, \$2.50 each.

Osiris. A beautiful globular flower of a pure deep rose, very rich and pleasing; early and free-flowering. Dormant tubers, \$2.50 each; pot plants, \$3.50 each.

Pekinensis rubrum. This is the best darkcolored variety in cultivation; the flowers are brilliant rosy carmine, 10 to 12 inches across, outer petals well reflexed, having the graceful form of N. Speciosum; foliage large and handsome; vigorous and free-flowering. Dormant tubers, \$3.00 each; pot plants, \$4.00 each.

Shiroman. This superb variety has enormous double snow-white flowers borne on stalks well above the foliage; a vigorous grower, free-flowering and equally as hardy as the well known N. Speciosum. Dormant tubers, \$3.00 each; pot plants, \$4.00 each.

Speciosum (Egyptian Lotus). The best known variety and the easiest to grow, desirable for naturalizing in ponds where the magnificent foliage and superb flowers produce a splendid sub-tropical effect. Flowers 8 to 12 inches across, of a deep rose color, creamy white at base of petals, exquisite for cut-Dormant tubers, \$1.50 each; pot plants. \$2.50 each.

## **NEW AND RARE**

HARDY NYMPHÆAS

The following sorts represent the very choicest of the latest introductions in hardy Water Lilies, all of them distinct and desirable additions.

Attraction. This novelty is the most valuable acquisition to hardy Water Lilies in recent years. The plant is of strong, vigorous growth, flowering freely and continuously from May until October. Flowers of largest size, 6 to 8 inches across, of a rich deep crimson, suffused with amaranth-red shadings. Centre bright orange, sepals white. One of the most beautiful and distinct Water Lilies vet introduced. (See illustration, page 270.) \$15.00 each.

Conqueror. This new introduction is an exceedingly strong growing variety, producing large, cup-shaped, fragrant flowers of a deep violet-rose, shaded with white; an early and free bloomer. Awarded First-Class Certificate by the Newport Horticultural Society. \$12.50 each.

Escarboucle. In our trial pond, containing over thirty new and rare sorts, the intense color of this variety seemed to catch and hold the eye above all others. The flowers, which are produced very freely, are of good size, 4 to 6 inches across, and of a brilliant crimson-carmine with bright orange centre, the most brilliant hardy Water Lily yet introduced. \$12.50 each.

Formosa. An entirely new color in Water Lilies, being a soft rose-pink deepening towards the centre, stamens bright yellow. Medium strong grower and very free-flowering. (See illustration, page 270.) \$10.00 each.

Sultan. Valuable owing to its extremely free-flowering habit, strong plants having seldom less than six flowers open daily. The flowers are of good size, solferino-red with white shadings and yellow stamens. \$12.50 each.



Mrs. Richmond. This new variety has enormous floating, cup-shaped fragrant flowers of a tender violet-rose color, with white sepals and yellow centre; a strong, vigorous grower and very free-flowering. One of the most delicate colored and artistic varieties yet introduced. Awarded Certificate of Merit by the Devon Horticultural Society, and first-class certificate by the Newport Horticultural Society. \$25.00 each.

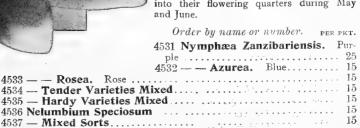
Newton. The flowers of this new variety are made up of numerous long, sharp pointed petals of a rich tyrian-rose color, with long, orange stamens. Sepals white, slightly suffused rose. The whole producing a star effect, quite distinct from any other variety in our collection. The plant is a strong grower, free bloomer, holding the flowers well above the water. Awarded Certificate of Merit by the Devon Horticultural Society, and a First-Class Certifi-

#### WATER LILY SEEDS.

Hardy Nymphæas may be sown either in fall or spring in the shallow places on the margin of natural ponds, where, if conditions are favorable, they will germinate and soon become established.

> Nelumbiums should have a small hole cut through the shell of each seed with a sharp knife.

> Tender Nymphæas may be sown in spring in pots or pans, using any good potting soil; cover the seeds with one-fourth inch of sand, give a thorough watering, and allow to drain for an hour, then submerge in water as near 70° as possible. Two inches of water over the soil is sufficient. As soon as the seedlings have made two leaves, put them singly into small pots, and when well rooted repot into 4- or 5-inch pots, from which size they may be planted into their flowering quarters during May







Aurora. A unique variety, flowers soft rosy-yellow on first day, changing to deep red on the third day; stamens orange; useful for growing in tubs. 75 cts. each.

**Gladstoniana.** Flowers pure dazzling white; very large, 6 to 8 inches in diameter; cup-shaped and very massive; a robust grower, requiring plenty of space to develop. One of the best for large pools or lakes. 50 cts. each; \$5.00 per doz.

Gioriosa. A superb variety, flowers 4 to 6 inches across, of perfect form, petals concave; deep carmine-rose, becoming a very dark red late in the season; a very free and continuous bloomer. \$2.50 each.

**Helen Fowler.** A refined and improved Tuberosa Rosea, being a more profuse and continuous bloomer. Color delicate soft pink. Flowers slightly cup-shaped and very fragrant. 75 cts, each; \$7.50 per doz.

James Brydon. Beautiful cup-shaped flowers, 5 to 6 inches in diameter; in color a rich rosy crimson; reverse of petals having a silvery sheen. A strong, vigorous grower and free and continuous bloomer. No collection of Hardy Water Lilies is complete without this splendid variety. \$1.50 each.

Laydekeri purpurata. A most interesting variety of French origin; the flowers are of a rosy-crimson, darker in the centre, outer petals and sepals light rose, stamens reddish orange. \$1.50 each; \$15.00 per doz.

#### VARIETIES ILLUSTRATED

No. 1 Nymphæa Attraction, offered on page 269 No. 2 Formosa " 269 No. 3 " James Brydon, offered below No. 4 " Alba Candidissima offered below

# Hardy Nymphæas or Water Lilies

We offer on this and the next two pages a complete collection of the choicest standard sorts. We also call special attention to the grand new and recent introductions offered on page 269.

Alba. The well-known white European Water Lily. Strong flowering roots. 50 cts. each; \$5.00 per doz.

Alba candidissima. A very vigorous and desirable variety, much stronger than the type, requiring ample space; flowers large, pure white, sepals occasionally flushed with pink. An early and continuous bloomer. 75 cts. each; \$7.50 per doz.

Laydekeri lilacea. Flowers soft rosy lilac, shaded bright carmine; very free-flowering. \$1.50 each; \$15.00 per doz.
 Lucida. A free grower and a good bloomer. Flowers large,

star-shaped, rosy vermilion, dark centre, stamens orange, leaves blotched reddish brown; a magnificent variety. \$1.50 each.

Marliacea albida. Large flowers of sparkling whiteness, stamens light yellow; sepals flushed pink, fragrant and produced freely and continuously through the season. 50 cts. each; \$5.00 per doz.

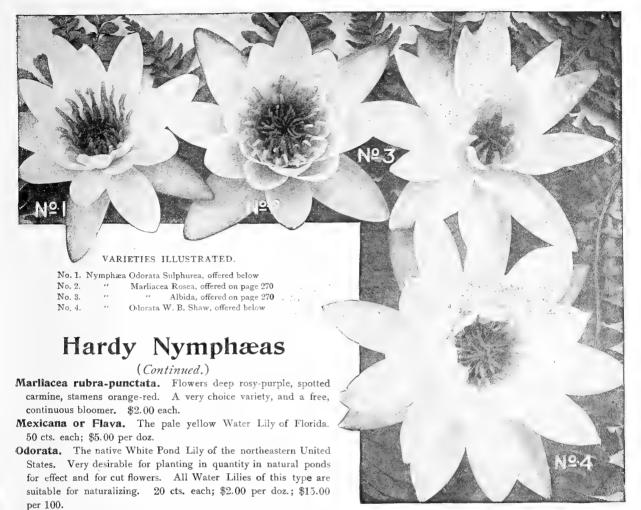
Marliacea carnea. Similar to the preceding save in color, which is of a soft flesh-pink, deepening toward the base of the petals. 75 cts. each; \$7.50 per doz.

Marliacea Chromatelia. Petals and stamens bright yellow, 4 to 6 inches across. A very strong, free and continuous bloomer. One of the best Water Lilies for cutting, which makes it a general favorite, and is also desirable for tubs and pools or lake culture. 75 cts. each; \$7.50 per doz.

Marliacea Ignea. Flowers of great substance, 4 to 5 inches across; color deep carmine, stamens cardinal, leaves bronzy-red, changing to deep green with dark blotches. \$2.00 each.

Marliacea Rosea. A splendid companion to the yellow variety Chromatella, which it resembles in all particulars except color, flowers being a soft rose-pink. \$1.00 each; \$10.00 per doz.





Odorata Gigantea. The native White Lily of the southeastern United States. Flowers pure white, 5 to 7 inches across. A very strong, vigorous grower. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Odorata Minor. The miniature white Water Lily of the eastern United States. Very dainty and suitable for tubs and small pools. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Odorata Rosea. The Cape Cod Pink Pond Lily. Clear pink; very fragrant; flowers 5 to 6 inches across. 50 cts. each; \$5.00 per doz.

Odorata sulphurea. One of the very best Hybrid Nymphæas. The fragrant flowers are sulphur-yellow, 4 to 5 inches in diameter, and standing 3 to 4 inches out of the water. 50 cts. each; \$5.00 per doz.

Odorata sulphurea grandiflora. Very similar to the foregoing. Plants more vigorous. 75 cts. each; \$7.50 per doz.

Odorata W. B. Shaw. This magnificent Water Lily has large, fragrant flowers of a rich clear rose-pink; strong grower and continuous bloomer. 75 cts. each; \$7.50 per doz.

Pygmæa. The Japanese White Water Lily, bearing multitudes of miniature flowers one and a half to two and a half inches across. A little gem and suitable for growing in aquariums, tubs or shallow pools. 50 cts. each; \$5.00 per doz.

Pygmæa Helvola. A miniature yellow Water Lily, suitable for tubs, aquariums or marginal planting. A very free bloomer. 75 cts. each; \$7.50 per doz.

Robinsoni. The large, floating flowers of this distinct and striking variety are difficult to describe, but may be said to have a ground color of yellow overlaid with purplish-red, the general effect being dark orange-red. \$1.50 each; \$15.00 per doz

Tuberosa. A native white variety of very strong growth, flowers from four to nine inches across, produced in moderate quantity. The various varieties of the Tuberosa are suitable for planting in deep water, and should have plenty of room to spread, and should not be planted with other varieties unless the roots are confined in tubs or boxes, otherwise they will crowd out the smaller growing varieties. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

**Tuberosa Maxima.** A free-flowering variety of the above; flowers from four to eight inches across; pure white and very fragrant. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Tuberosa rosea. Flowers an exquisite shade of pink, standing above the water. A good, vigorous grower, of the easiest culture. 25 cts. each; \$2.50 per doz.



NYMPHÆA TUBEROSA RICHARDSONI

#### HARDY NYMPHÆAS.

(Continued.)

Tuberosa Richardsoni. This variety should be included in every collection. Flowers pure white and quite double, the stamens being converted into petals which are more or less fluted in the centre. The flowers stand well above the water, the sepals and outer petals drooping, forming a perfect globe. No variety in our Water Garden is admired by visitors more than this. The immense snowball-like flower, 8 inches in diameter, was declared to be the finest White Lily of all. (See cut.) 25 cts. each.; \$2.50 per doz.

Wm. Doogue. A magnificent Lily of chaste and delicate coloring, flowers 51 to 6 inches in diameter, beautifully cup-shaped and of a pleasing shellpink color, with royal pink sepals. A very symmetrical and distinct flower of great substance, with petals of an extraordinary width; of free growth and flowering continuously throughout the season. \$1.00 each; \$10.00 per doz.

Wm. Falconer. Flowers of an intense bright garnet color, with a good ruby tone through it, intensified by the rich golden centre. \$5.00 each.

## Aquatic Plants for Aquariums

There is a rapidly-growing taste for the culture of fancy fish and aquatic plants in Aquariums, and it is doubtful if anything is more fascinating to the young, as well as to the older members of the household, than to watch the development of animal and plant life in the aquaria. It is necessary to secure and maintain the proper balance between plant and animal life, as fish will not thrive unless enough plants are growing to furnish them with oxygen. To do this there should be not less than one plant to every two gallons of water. The ideal temperature is about 50 degrees, and a shady corner, or a window facing north, is best during the summer, and an east window during the winter. If the proper balance is maintained, it will not be necessary to change the water more than three or four times a year. The list of plants offered below are the best-known oxygenators:

Anacharis Canadensis Gigantea (Giant Water Weed). A beautiful submerged plant with dark green ovate leaves and light stems; of quick growth. The best oxygenator and a splendid Aquarium plant, 15 cts. each; \$1.50 per doz.

Cabomba Viridifolia (Washington Grass). A pretty and popular submerged plant; leaves brilliant, glossy green, fanshaped, regularly cut and more beautiful than the most delicate fern. 10 cts. perbunch; \$1.00 per doz.

Sagittaria Sinensis (Giant Sagittaria). Leaves dark green; broader and stronger than S. Natans, and a free grower; the best form for the Aquarium. 15 cts. each; \$1.50 per doz.

Salvinia Braziliensis. This pretty little floating aquatic is suitable for all aquaria. The leaves are a soft green, covered with a delicate hairy surface. 15 cts. per bunch; \$1.50 per doz.

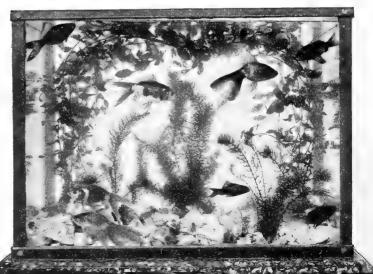
Vallisneria Spiralis Italian Type (Eel Grass). A submerged plant with long ribbon-like leaves. This is the best of the Vallisnerias, a free grower and a good oxygenator. 25 cts. each; \$2.50 per doz.

#### DREER'S WATER LILY BOOKLET

Free to customers on application

Ludwigia Mulerti. One of the prettiest of the submerged plants. The small, ovate leaves, green above and pink on the under side, are very attractive and entirely distinct from all other Aquarium plants. 25 cts. each; \$2.50 per doz.

Sagittaria Natans. This plant is indispensable for the Aquarium; its long strap-like green leaves resemble the wellknown Vallisneria. 15 cts. each; \$1.50 per doz.



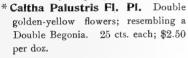
A NICELY ARRANGED AQUARIUM

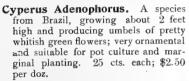


## Miscellaneous Aquatics

The varieties offered on this and the next page forms a most interesting collection, many of them indispensable for marginal planting, etc. sorts prefixed \* are hardy.

- \*Acorus Japonicus Variegatus (Variegated Sweet Flag). A beautiful variegated-leaved plant, useful for planting on margins or in bog gardens. 25 cts. each; \$2.50 per doz.
- \* Anacharis Canadensis Gigantea. See Aquarium Plants, page 272.
- \* Aponogeton Distachyon (Cape Pond Weed). Flowers pure white with black stamens and sweet Hawthorn fragrance. If planted near springs where the water seldom freezes, but is always cool, this lovely aquatic will bloom the entire year, producing hundreds of flowers which are very choice for cutting. 25 cts. each; \$2.50 per doz.
- \*Cabomba Viridifolia. See Aquarium Plants, page 272.
- \*Caltha Palustris (Marsh Marigold). Bright yellow flowers, produced early in spring. 15 cts. each; \$1.50 per doz.



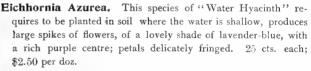


Cyperus Alternifolius. An excellent plant for growing in water or damp places; will thrive in any good soil, and always presents a green and attractive appearance. 15 cts. and 25 cts. each; \$1.50 and \$2.50 per doz.



EICHHORNIA (Water Hyacinth)

in tubs, \$2.50 each.



Aponogeton Distaction

Cyperus Papyrus (Papyrus An-

tiquorum). This is the true

Egyptian Paper Plant. From the

snow-white pith of its triangular

stalks the first paper was made.

They are 5 to 8 feet high, and sup-

port at the top a tuft of long

thread-like leaves, which give the

plant a graceful and striking appearance. It grows finely in shal-

low water with rich soil, and makes a splendid companion for flowering aquatics. It will also flourish and make a fine clump in the garden, with no more water than Cannas require to make them do well. (See cut.) 25 cts. each; extra

size, 50 cts. each; specimen plants

Eichhornia Crassipes Major (Water Hyacinth). A very free-growing and showy floating aquatic, bearing flowers of a delicate lilac-rose in trusses like a Hyacinth. Does splendidly outdoors in summer. 15 cts. each; \$1.50 per doz.

Jussiæa Longifolia. A very attractive and desirable aquatic, growing 2 to 3 feet high, erect, slightly drooping at the points, and producing numerous axillary flowers of a rich golden-yellow, somewhat like an Evening Primrose. A good plant for tubs or planting on edge of pond. 25 cts. each; \$2.50 per doz.

Limnanthemum Indicum (Water Snowflake). A pretty floating plant; each petal of the dainty white flowers resembles a miniature ostrich feather. 25 cts. each; \$2.50 per doz.

Limnanthemum Nymphæoides (Villarsia). A pretty hardy aquatic, with Nymphæa-like leaves and golden-yellow flowers, freely produced. 15 cts. each; \$1.50 per doz.



GROUP OF CYPERUS PAPYRUS AT OUR NURSERY, RIVERTON, N J,

## Miscellaneous Aquatics—Continued

Varieties marked \* are hardy

Limnocharis Humboldti (The Water Poppy). A pretty little aquatic, with floating leaves and yellow, poppy like flowers; makes a fine show in a tub or pond all summer. 15 cts. each; \$1.50 per doz.

Ludwigia Mulerti. See Aquarium plants, page 272.

Myriophyllum Proserpinacoides (Parrot's Feather). Long, trailing stems, clothed with whorls of the most exquisite foliage, as delicate as the Cypress Vine. 10 cts. each; \$1.00 per doz.

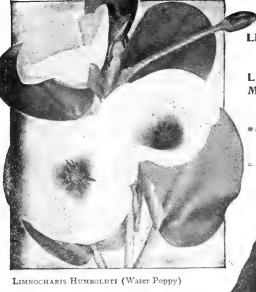
\*Orontium Aquaticum. Beautiful, velvety green leaves on the upper surface, and a bright silvery-white color on the back; flowers small; yellow. 15 cts. each; \$1.50 per doz.

> Ouvirandra Fenestralis (Lace-leaf or Latticeleaf-Plant). The chief interest in this plant lies in the remarkable singularity of the leaves, which are of a dark, olive green color, merely a network of vascular tissue, resembling lace or a skeletonized leaf. Requires to be grown in a shady situation.

\$2.50 each.

\* Peltandra Virginica (Water Arum). Leaves something like a Calla in outline, with greenish flowers, growing a foot or more out of the water. 15 cts. each; \$1.50 per doz.

Pistia Stratiotes (Water Lettuce). A floating aquatic; forms a rosette of light green velvety leaves. 15 cts. each; \$1.50 per doz.



\*Pontederla Cordata (Pickerel Weed). A free-flowering plant, growing about 2 feet high; spikes of closely-set blue flowers. (See cut.) 15 cts. each; \$1.50 per doz.

Salvinia Braziliensis. See Aquarium plants, page 272.

Sagittaria Montevidiensis (Giant Arrowhead). Attains gigantic proportions, growing 4 to 5 feet high; leaves 15 inches long; flower-scape towers above the foliage, bearing white flowers with dark blotch at base of each petal; suitable for margins or tub cultivation. 20 cts. each; \$2.00 per doz.

\*—Japonica Fl. Pl. The double-flowering arrowhead; very desirable for planting in tubs or on margins of ponds and streams. 50 cts. each; \$5.00 per doz.

\*Saururus Cernuus (Lizard's Tail). A desirable plant for margins; 2 to 21 feet high; leaves heartshaped; fragrant white flowers. 20 cts. each; \$2.00 per doz.

\* Scirpus Tabernæmontani Zebrina. A very ornamental hardy rush, growing 3 to 4 feet high, producing leaves variegated, with alternate bands of green and pure white. It may be grown as an aquatic, or as a garden or window plant. 25 cts. each; \$2.50 per doz.

\*Thalia dealbata. In this stately semi-aquatic we have a fitting companion for Cyperus Papyrus. The Canna-like leaves borne on tall slender stems wave with the slightest breeze, and the flowers, which are of a deep plum purple, held well above the foliage, make this one of the most ornamental plants for marginal planting or as a specimen for the centre of a pool. Strong plants, 50 cts.

each; specimens in 11 inch tubs, \$2.50 each.

Trapa Natans (Water Chestnut or Water Caltrops). An aquatic annual, producing white flowers with purple claws, floating on the surface of the water.

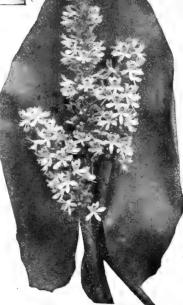
Ready May 15th. 25 cts. each; \$2.50 per doz.

\*Typha Latifolia. The well-known Cat Tail; very desirable for the water gar-

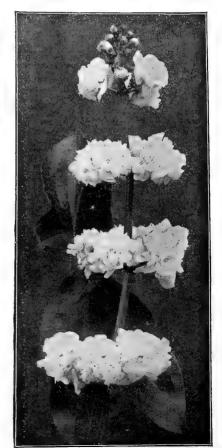
den. 15 cts. each; \$1.50 per doz. Vallisneria Spiralis (Tape, Eel Grass or Wild Celery). A submerged plant with ribbon-like leaves about 6 inches long; free-growing and desirable. Useful for planting as food for wild waterfowl. Ready May 15th. 15 cts.

each; \$1.50 per doz.; \$8.00 per 100 bunches.

\* Zizania Aquatica (Wild Rice). This native aquatic annual is very ornamental; its graceful panicles of blooms are produced on stalks 5 to 10 feet high; a most important article of food for wild water fowl; should be grown in shallow water, 10 cts. each; 75 cts. per doz.; \$5.00 per 100.

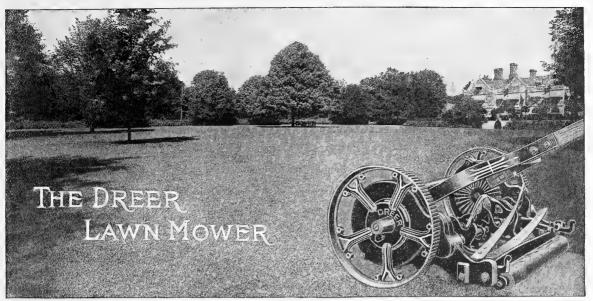


PONTEDERIA CORDATA



SAGITTARIA JAPONICA FL. PL.

## TOOL, IMPLEMENT AND SUPPLY DEPARTMENT



The "Dreer" Lawn Mower has no superior, and is now extensively used on private and public grounds. easiest running, has ten-inch drive wheels, and can be supplied with either four or five blades in the revolving cutter. For frequently mown lawns we advise the five blade machines, as they cut smooth, although the four blade does excellent work. Low Wheel is built on the same plan, but with four blades only. Grass Catchers can be supplied for both machines when ordered. The Dreer Lawn Mower is Guaranteed. We can furnish all repairs at short notice. (Send for special circular).

" DDEED "	HIGH-WHEEL	MOWED

												•	W	7 i	tŀ	1 4	E	Blad	es.	W	ith	5	BI	ad	es.
15-	inch	cut				 																			
17	4.6	66	٠.													1	2	00				13	(	00	
19	4.5	66		 			 			 						1	3	00				14	. (	00	
21	66	6.6					 		 		ĺ.					1	4	00				15	. 4	00	

#### Pennsylvania "Grand" Horse Lawn Mower.

This machine, in addition to the good qualities of the well-known Pennsylvania Horse Mower, has some features that are distinctly its own which recommend it to all who use horse power machines. The operator, without leaving his seat, can instantly change from low to high cut or an intermediate one.

Fitted with handles and draft irons only, the mower can be easily managed on a lawn broken up with trees and shrubbery, or on a small place where it is not essential for the driver to ride. 30-inch cut, 4 blades, \$65 00; 6 blades . . . . . \$73 00 38 " " 4 \$85 00; 6 " . . . . . . 93 00 With shafts, seat and footboard, as illustrated below, add \$12.00 to the 30-inch and \$15.00 to the 38-inch size.

#### PENNSYLVANIA HORSE LAWN MOWER

/ I Limbie Ama Horse Eam III mon	L-1(-	
30-inch cut, 4 blades, \$60 00; 6 blades	\$68	00
38 " " 4 " 78 00; 6 "		
Shafts, Seat and Footboard for either size, extra		
5-inch Pony Mower, 4 blades, \$30.00; 6 blades	36	00

#### "DREER" LOW-WHEEL MOWER.

12	inch	cut,	with	4 b	lades.	į.		 . ,			 								. 5	17	75
14	66	6.6	66		6 6		 		 					,	٠.					8	75
16	6.6	66	66		66			 								٠	,	,		9	75
18	66	66	6.6		66				:											10	75

#### GRASS CATCHERS FOR "DREER" MOWERS.

-							-	_				-	
12-i	inch	(Low	Wheel	)	\$1	60	15-	inch	(High	Wheel)	!	\$1	80
14	66		66 .	·	1	70	17	6.6	66	44		1	90
16	66	" "	6.6		1	80	19	66	6.6	66		$^{2}$	00
18	6.6	66	66		1	90	21	66	6.6	66		2	10

#### PHILADELPHIA HORSE LAWN MOWER.

30-		draft		handles.	 	 	 \$62	50	
		44 .					. 72		

#### COLDWELL HORSE LAWN MOWER.

A good machine, in use in many public parks and private estates. Price complete with shafts, seat and side draft attachment, which keeps the horse on the cut grass; 30-inch cut, \$60.00; 35-inch, \$75.00; 40-inch, \$90.00; 25-inch Pony, without shafts, etc., \$37.50.

#### OILERS.

Copperized steel, 20 cts.; extra large, 25 cts.; zinc, 15 cts.

# ting into the sod,

PENNSYLVANIA

"GRAND" Horse Lawn

HORSE LAWN BOOTS.

It is important in the early spring, when the ground is soft,

and during the season, especially after rains, to use .. boots, thereby preventing the horse from cut-

Golf links boots......\$9 00 Flat sole ..... 9 00

CALDWELL HORSE LAWN MOWER

Special Lawn Mower Oil, 60 cts. per gal. We can supply Pennsylvania, Continental and Philadelphia Hand Lawn Mowers, also Motor Power Mowers Write for Catalogue and prices.

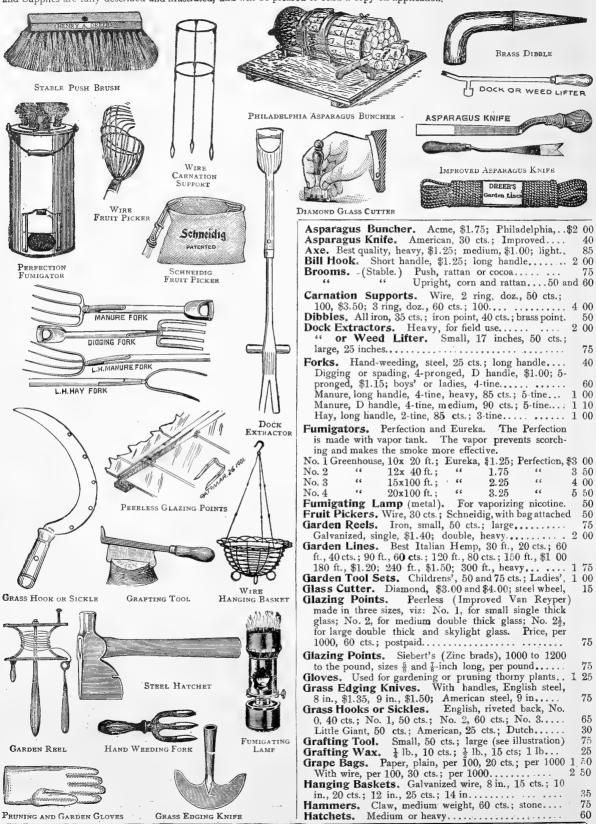
SEND FOR CATALOGUE OF TOOLS, IMPLEMENTS AND SUPPLIES

## HENRY A. DREER - PHILADELPHIA - PA.



## GARDEN REQUISITES.

THIS department aims to keep every first-class Tool and Implement needed for the easy and rapid cultivation of the Flower and Vegetable Garden. In the limited space at our command in this catalogue we can give but a few descriptions and illustrate only the most important articles; but we issue annually a special Catalogue in which the full line of Tools, Implements and Supplies are fully described and illustrated, and will be pleased to send a copy on application.



SEND FOR CATALOGUE OF TOOLS, IMPLEMENTS AND SUPPLIES

## HENRY A. DREER - PHILADELPHIA - PA

## GARDEN REQUISITES.



SEND FOR CATALOGUE OF TOOLS, IMPLEMENTS AND SUPPLIES

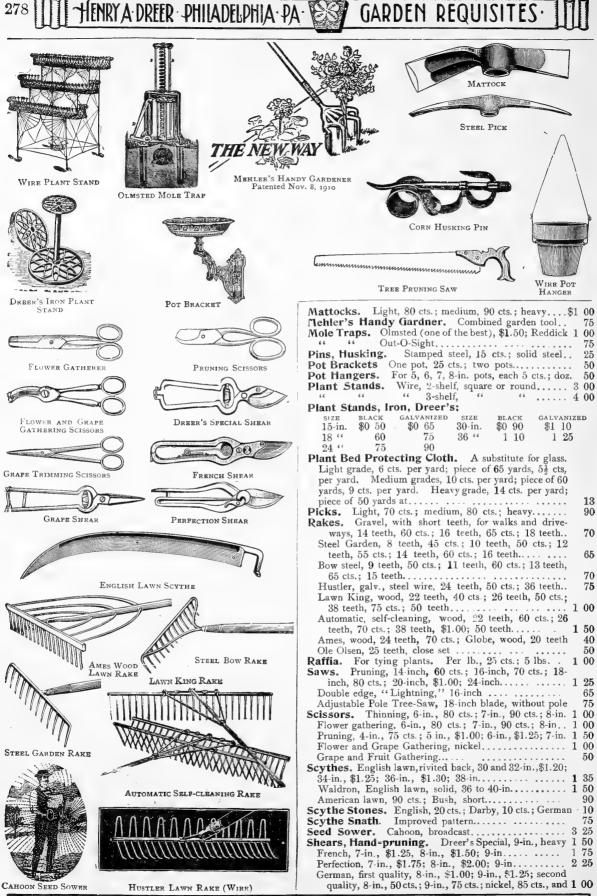
6 00

HOT BED AND COLD FRAME MATS

White Metal, per doz, 15 cts.; per gross.....

All Proof Labels, Glass front, 8 in., per doz., 75 cts.; 100.

Zinc, small, 100, 60 cts; medium, \$1.50; large





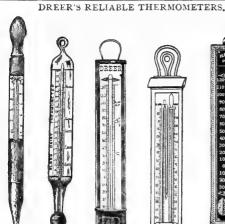


TRANSPLANTING TROWBL

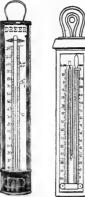
TELEGRAPH TREE PRUNER STEEL

Cleves', Angle or Curved Transplanting, 5-in., 15c.; 8-in. Tomato, 50 cts.; Berry, 30 cts.; Transplanting . . . .

Steel shank, extra fine quality (heavy).....







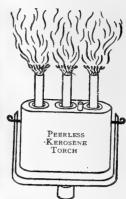




Wire Trellis for Vines. Special Sizes Made to Order







HEAVY OVAL.

PI	
OVAL GALVANIZED WATERING CAN.	
WATERING CAN.	

LIGHT GALVANIZED WATERING CAN



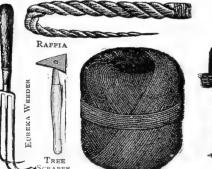
COPPER CASE



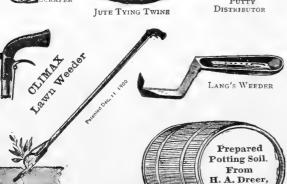
Excelsion Weeder



SPECIAL







Thermometers. "Dreer's." While we use greater in packing, thermometers are shipped at purchaser's risk only.	at r=
	00
	25
	00
Copper case, tested, 8 in., 85 cts.; 10 in 1	00
Conservatory, porcelain, scale, large figures, 75 cts. and 1	00
	00
	50
Dairy or hotbed (glass)	25
Torch, for burning caterpillars' nests. Asbestos, 40 cts.;	
	50
Tree Scrapers. Steel, 10 and 20 in. handle	60
Trellis. Pæony or Tomato (Wire), each 20 cts.; doz. 2	00
Trellis Wire (see illustration). For small vines, etc.,	
	40
Watering Cans. Galvanized. Two qualities, heavy	
and light. The heavy have brass tips and two copper-	
faced roses; the light has one rose:	

6	50	1 85	\$2 10
8 "	60	2 00	2 35
10 "	70	2 25	2 60
12 "	80	2 60	2 85
16 "	90	3 15	
Low, for greenhouse,	galvanized		1 50
Window garden. Lig	ht weight	, painted gre	en, 2 qt.,
50 cts.; 4 qt., 75 cts	s.; 6 qt		1 00
Weeders. Excelsior, 10	) cts.; Lang	g's, 25 cts.; E	ureka, 25
cts. (See also Dock E.	xtractors a	nd Spuds). I	łazeltine.
Climar Larry Wooden			

LIGHT ROUND. HEAVY ROUND.

\$1 60

4 qt.....\$0 40

Climax Lawn Weeder, 75 cts.; Champion Weed Puller 50 Wheelbarrows. Garden (See page 283.)

#### SUNDRIES.

Leaf Mould. Sack, barrel quantity, \$1.75; 5 bbls., \$7.50. Propagating Sand. Peck, 20 cts.; bu., 70 cts.; sack, barrel quantity, \$1.75.

Prepared Potting Soil. Peck, 20 cts.; bu., 70 cts.; sack,

barrel quantity, \$1.75.

Sphagnum Moss. For growing Orchids and packing plants and trees, etc. Bbl.bale, \$1.25; bale, \$2.50.

Jersey Peat. Sack, barrel quantity, \$1.75; 5 bbls., \$7.50.

Oregon Peat. Only for Orchids. Lb., 10 cts.; per bbl., \$2.50. Green Linen Twine. For smilax. Lb., 70 cts.

Green Cotton Twine. For tying. Lb., 50 cts. White Cotton Twine. For tying. Lb., 25 cts.

Jute Twine. For tying plants and vegetables. 2, 3 and 5ply. Ball, 10 cts.; lb., 15 cts.

Tar Twine. For tying mats, fodder, etc. Lb., 12 cts.

Silkaline. A strong green thread for tying plants; used for

Smilax and Asparagus Vine. Per spool, 25 cts.

Raffia. For tying plants. Per lb., 25 cts.; 5 lbs., \$1.00. Mastica. A substitute for putty for greenhouse glazing. \$1.35

per gal.; in lots of 5 gals. and over, \$1.25 per gal.

Mastica Machine. For applying Mastica. \$1.25.

Putty Distributor. For putty or Mastica. \$1.00.

Twemlow's English Liquid Putty. 1 gal., \$1.45; 3

gals., \$4.25; 5 gals., \$7.00; 10 gals., \$14.00.

SEND FOR CATALOGUE OF TOOLS, IMPLEMENTS AND SUPPLIES

Philad'a



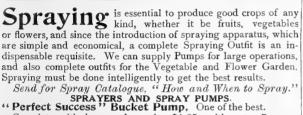




DEMING'S SIMPLEX BARREL SPRAY PUMP



"Auto" Spray Pump and Whitewashing Machine



Complete with hose and nozzle, \$4.35; with extra 7 Defiance Bucket Pump. Complete with hose and nozzle Myers' Bucket Pump. For general use. Very pow-pumping will spray 10 minutes. Galvanized iron, \$5.00; brass, \$7.25; galv. extension rods, 24 in. long..
Perfection Automatic Tank Sprayer. Complete with hose and nozzle. Galv., \$5.00; Brass.

Auto Spray Pump and Whitewashing Machine. 7 25 A general purpose sprayer; fitted with 8 feet of hose, 8 feet extension pipe, with Vermorel nozzle; holds 8 gallons. Galvanized, \$11.20; Brass. Bidwell Automatic Pressure Tank Sprayer..... 10 00 "Imperial" Barrel Spray Pump. (Myers'.) Very powerful, brass chamber with hose and nozzle... Deming's Simplex Barrel Spray Pump. With agitator and 12½ feet hose and nozzle.

Deming's "Gardener's Choice" Spray Outfit. A tank on wheels, holds 25 gallons, fitted with a pow-extra powerful pump; complete with hose and nozzle. . 13 65 Samson Double-acting High Pressure Pump. For Brass, small, 60 cts.; large..... 1 00 Brass, automatic compressed air. ..... 1 25 Iron Extension Rods. For tree spraying; 4 ft. lengths 25 Bamboo Extension Rods. Brass-lined, 8 feet, \$2.75; 3 00 Woodason's Spray Bellows. Small, \$1.50; large... 2 00 Bordeaux, 75 cts.; Vermorel, 75 cts.; Double Vermorel, \$2.00; Triple Vermorel, \$2.75; Mistry, \$1.20; Mistry, Jr. 75 Demorel, 60 cts.; Winkle Mist. 75DRY POWDER DISTRIBUTORS.
Tin Dusters. For spreading dry powders.
Leggett's "Champion" Insecticide Duster. A 35 powerful machine for orchard and field use..... 8 00 Hand Powder Gun. Holds 4 ozs., 20 cts.; by mail... Woodason's Double Cone Bellows.... 00 Large single cone, \$2.00; small single cone 25 Sulphur Bellows. 50 Peerless Sulphur Machine Blower ..... Farmer's Acme Bellows..... 1 00

Brass Syringes. Full list of sizes, see page 279.













TIN POWDER DUSTER





SPRAY SYRINGE ATOMIZER

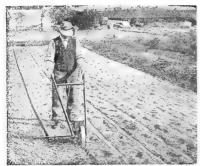
Myers' Bucket Pump

Woodason's Powder and Spray Bellows



## lanet Jr. Garden Tool

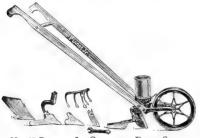




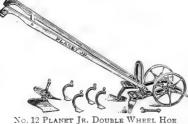
THE PLANET IR. SEED DRILL IN OPERATION



No. 25 Planet Jr. Combined Hill and Drill Seeder and Double Wheel Hoe



No. 31 Planet Jr. Combined Drill Seeder and Single Wheel Hob



E OFFER these tools as the highest type of their class. They have a great variety of attachments which adapt the implements to a large variety of work, and there is scarcely any garden of size that has not adopted the Planet Jr. Tools. You can do more and better hoeing and cultivating, and plants thrive better.

No. 3 Hill Dropping and Drill Seeder only. Capacity, 3 qts.....\$10 00 No. 4 Combined Hill and Drill Seeder and Single Wheel Hoe .... 10 50

No. 4 Hill and Drill Seeder only 8 50 No. 5 Hill and Drill Seeder. Capacity. 5 qts. Has 161 inch drive wheel.. 12 50

No. 25 Combined Hill and Drill Seeder and Double Wheel Hoe complete.. 13 00 No. 28 Combined Hill and Drill Seeder. Wheel Hoe, Cultivator, Raké and No. 29 Hill and Drill Seeder only 11 00

No. 31 Combined Drill Seeder and Single Wheel Hoe ..... 6 50 No. 32 As a Drill Seeder only.... 4 50 No. 16 Single Wheel Hoe, has 1 Plow,

2 Hoes, 3 Cultivator Teeth, 2 Rakes and Leaf Lifter ..... 5 35 No. 17 Single Wheel Hoe, has 1 Plow,

2 Hoes and 3 Cultivator Teeth.... 4 75 No. 17½ Single Wheel Hoe, has 2 Hoes and 3 Cultivator Teeth...... 4 25

No. 30 Single Wheel Hoe, Cultivator, Plow, Rake and Marker..... 7 50 No. 12 Double Wheel Hoe, has 2

Plows, 2 Hoes, 4 Cultivators and Leaf Lifters ..... 6 50 No. 13 Double Wheel Hoe, has 2 6-

inch Hoes only ..... 4 50 No. 11 Double Wheel Hoe, has 2 plows, 4 hoes, 4 cultivator teeth, 2 leaf lifters and 4 rakes . . . . . . . . . . . . . . . . . 8 50

12 Tooth Harrow, Cultivator and Pulverizer complete, as illustrated.... 8 50

No. 8 Horse Hoe and Cultivator, with depth regulator and expander .... 8 50 No. 9 Horse Hoe and Cultivator, plain, with wheel only .....

Fire-Fly Hand Plow. A useful tool. Will make a furrow 4 to 6 inches wide and 1 to 3 inches deep. Splendid tool for the kitchen garden



THE PLANET JR. IN THE VEGETABLE GARDEN



No. 4 Planet Jr. Combined Hill and Drill Seeder and Single-Wheel Hor



No. 3 Planet Jr. Hill and Drill Seeder



No. 16 PLANET IR. SINGLE WHEEL HOR



PLANET JR. TWELVE-TOOTH HARROW, CULTIVATOR AND PULVERIZER



PLANET JR. FIRE-FLY HAND PLOW



No. 8 PLANET JR. COMBINED HORSE HOE AND CULTIVATOR

The New Planet Jr. Catalogue, Illustrating a Complete List of Tools, Mailed Free on Application

SEND FOR CATALOGUE OF TOOLS, IMPLEMENTS AND SUPPLIES

## GARDEN REQUISITES.



TRUCK AND LEAF RACK

TRUCK AND HAND CART

#### TRUCK WITH WATER BARREL, LEAF RACK AND HAND CART.

This is one of the indispensable adjuncts to a well ordered country or suburban garden. Its uses are innumerable. are equipped with steel wheels, and can be had with  $1\frac{1}{2}$ ,  $2\frac{1}{2}$  or  $3\frac{1}{2}$  inch tires, are strong and durable, no castings to break, and with ordinary care will last for many years. The truck is  $39\frac{1}{2}$  inches wide, outside measurement, and can be used either with the Water Barrel, Leaf Rack or Hand Cart. All being made to attach or detach in an instant, they can be taken apart in a few moments and stored in very little space.

Truck and Water Barrel,	Truck and Leaf Rack.	Truck and Hand Cart.
With 1½ in. tires\$10 00	With 1½ in. tires \$12 00	With $1\frac{1}{2}$ in, tires
" $2\frac{1}{2}$ in, "	" $2\frac{1}{2}$ in. "	" $2\frac{1}{2}$ in. "
" $3\frac{7}{2}$ in. "	" $3\frac{1}{2}$ in. "	" $3\frac{1}{2}$ in. "
Extra barrels with trunnions, \$3.00; ex	tra trunnions, 50 cts. a pair. Leaf Rack on	ly, \$5.50; Hand Cart Box only, \$3.25.



#### EASTERN GARDEN BARROW.

Dreer's									
No. 4, (	Garden	. 13/4	in.	Tire			 	 4	00
" 5,	6.6	13/4	66	66			 	 4	50
er 4,	66	3	66	٤.			 	 4	25
" 5.	66	3	60	44			 	 4	75
Special									
Boys'			\$3	00	Cana	l	 	 2	50

#### KEYSTONE LEAF RACK.

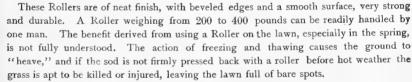
This can be attached to any size wheelbarrow having removable sides. It is most convenient for gathering leaves, cut grass and rubbish. One of these should be in use on every small as well as large place. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. It can readily be taken apart, occupying but little space when not in use.

(Write for descriptive circular.)



KEYSTONE LEAF RACK ATTACHMENT

#### THE "BOSS" HAND LAWN ROLLERS.





BOSS HAND LAWN ROLLER

Boss Hand Lawn Roller				350 17 20					
We can Supply Water Ballast,	Large Field and C	iolt Kollers.	A Ful	II Descriptive	Catalog	ue of Kol	lers on A	ppncati	on.

No. 1 2 3 4 5 6 7 8	Diam, 15 in, 15 " 20 " 20 " 20 " 20 " 20 " 20 "	Length. 15 in. 22 " 16 " 20 " 20 " 24 " 24 " 30 "	Sec. 2 3 2 2 1 3 2 3	Lbs. Price. 150 \$7 60 200 10 00 225 11 20 250 12 40 250 12 40 300 14 75 300 14 75 350 17 20	No. 9 10 11 12 13 14 15 16	Diam. 24 in. 24 " 24 " 24 " 28 " 28 " 28 " 28 "	Length. 20 in. 24 " 24 " 30 " 24 " 24 " 30 " 24 " 30 "	Sec. 2 2 3 3 4		Price. \$19 60 22 00 22 00 24 40 24 40 24 40 29 20 31 60
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#### MACHINE-MADE PLANT TUBS.

Made of white cedar, painted green and bound with extra heavy iron hoops. Drop handles. Iron legs. Removable, perforated bottom. PRICES MACHINE-MADE TUBS.



Machine-made Plant and Tree Tub

	Outside	Insid <b>e</b>	Leng	th of		
No.	Diam.	Diam.	Sta	ve.	Eac	ch.
0	.27 in	25 .	.24	in	\$5	50
1	25 "	$23\frac{1}{2}$	. 22	"	5	00
2	.23 "	21 .	. 20	", ,	4	50
3	21 "	$18\frac{3}{4}$ .	.18	"	4	00
4	18 "	$16\frac{1}{2}$ .	.16	"	2	. 90
5	.16 "	$14\frac{1}{2}.$	.14	"	$\dots 2$	60
6	.14 "	$12\frac{1}{2}$ .	.12	"	2	10
. 7	. 13 "	$11\frac{1}{2}$ .	.10	"	,4	90
8	12 "	$10^{\frac{3}{4}}$ .	. 91	66	1	.75

#### DREER'S IMPROVED KEYSTONE PLANT TUBS.

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust, durable, neat and attractive. A good tub at a moderate price.

#### PRICES IMPROVED KEYSTONE TUBS.

	Outside	Inside	Length of	
	Diam.	Diam.	Stave	Each.
No.	A11	10.	12	.\$0.75
46	B121 .	11.	12	. 85
6.6	$C13\frac{1}{4}$ .	12.	13	. 1 00
66	D141	13.	14	. 1 15
66.	$\mathbf{E}_{15\frac{3}{4}}$	14.	14	. 1 35
4.	$\mathbf{F} = 16\frac{1}{4}\dots$	$\dots 15.$	$\dots 15 \dots$	. 1 50

Three largest sizes are supplied with handles.



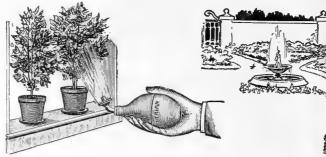
IMPROVED KEYSTONE PLANT AND TREE TUB

We can furnish special size Tubs made to order square or round.





ENTERPRISE LAWN SPRINKLER (Large)



RUBBER SPRINKLER. STRAIGHT OR BENT



WATER WITCH LAWN SPRINKLER WITH SPUR



LAWN TWIN SPRINKLE



NEW COMET



FOUNTAIN LAWN SPRINKLER

#### LAWN SPRINKLERS B Lawn Sprinkler. Something entirely new. Will cover



#### PENNSYLVANIA UNDERCUT BALL BEARING LAWN TRIMMER.

This machine differs from all others, will do the same work and more. It is new, with a new feature-"Undercut." Will cut directly up to a wall or fence, and cut into the space under the fence, or a projecting wall. This has never been accomplished by any other Trimmer. 6-inch cut. Price, \$6.00.

PENNSYLVANIA BALL BEARING LAWN TRIMMER. For cutting around borders and flower beds, and close to wall,

fence or stone coping. 6-inch cut. Price, \$5.00.

PENNSYLVANIA GEM LAWN CLEANER.

This machine will remove from the lawn not only the cut grass, but all litter, leaves and trash, leaving the grass standing upright, and raises up the low-growing crab grass and other spreading weeds, allowing the lawn mower to cut the seed off before they ripen, thus preventing their reappearing the following year. This work is most effectually accomplished by the use of the Pennsylvania Gem Lawn Cleaner and Rake. One man can do more work than four with 24 inches wide, \$16.00; 36 inches wide....\$25.00. (Send for Descriptive Circular.)

Lawn Mowers..... See page 275



PENNSYLVANIA LAWN CLEANER

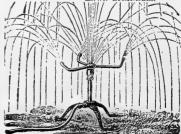


Pennsylvania Ball Bearing Lawn Trimmer



UNIVERSAL LAWN SPRINKLER





CALIFORNIA LAWN SPRINKLER ON STAND



## Flower Pots, Saucers, Pans, Orchid Baskets and Jardinieres







ROUND BULB OR LILY PANS









WOOD FIBRE

#### WOOD FIBRE SAUCERS STANDARD FLOWER POTS

Full inside measurement. No charge for packing. Six at dozen rates; 50 at 100 rates; 500 at 1000 rates,

Sizes. Eac	CH. DOZEN.	100. 1000.	Sizes	EACH. DOZEN.	100.	1000.	Sizes.	EACH.	Dozen,	100.
13 in\$0	01\$0 06	.\$0 44\$3 46	4 in	\$0 02\$0 18.	\$1.38.	\$10 89	8 in	\$0 11	.\$1 09	\$ 8 40
				3 24						
				$3\dots 32$						
				5 41						
				5 49						
				7 62						
$3^{3}_{4}$ "				8 78.					.13 50	105 00
	W	e can also furni	sh the Nep	onset Waterproc	f Paper Flo	wer Pots	(Write for circul	ar.)		

F	lower Pot	Saucers.		Rot	Round Bulb or Lily Pans							
Sizes.	EACH.	Dozen.	100.	WIDTH.	HEIGHT.	EACH.	DOZEN.	100 .				
4 in	2 cts	15 cts \$	1 12	5 in	3 in	\$0 05\$	50\$	3 00				
5 "	3 "	18 "	1 40		3½ "							
	4 "		1 88	7 "	$3\frac{3}{4}$	08	78	4 80				
7 "	5 "	31 "	2 40		4 "		98	6 00				
8 "	. 6 "	47 "	3 60	9 "	$4^1_2$ "	151	30	8 40				
9 "	8 "	62 "	4 80	10 ''	5 "	201	63	10 80				
10	9 "	78 "	6 00	12 "	6 "…	252	28					
11 "	11 "	94 ''	7 20	14 "	7 56	504	55	30 00				
12 "	15 " 1	17 "	9 00	16 "	8 "	907	80	60 - 00				
14 "	25 "1	95 "	15 00	18 "	9 "…	1 25.11	70	90 00				
	Square See	ed Pans.			Wood F	ibre Vas	es.					

	Fern	Pans.		
Width.	HEIGHT.	Each. D	ozen. 1	00.
4 in	$1\frac{7}{8}$ in\$0	04\$0	31\$1	65
43 66	$2\frac{1}{8}$ "	$05\dots$	33 2	20
$5\frac{1}{2}$ "	$2\frac{1}{4}$ " $2\frac{1}{2}$ "	06	412	75
$ 6^{\tilde{1}}_{4}$ "	$2^{rac{1}{2}}$ " $\dots$	07	493	30
7 "	25 "	09	553	85
8 "	31 "	11	795	50
9 "	34 "	15.	956	60
	Fern Dis	h Liner	• 1	

#### 7 in..... $1\frac{7}{8}$ " ...\$0 12....\$1 00 \$6 00

		Square Seed Pans.	
		Each.	Doz.
6	x	6 in\$0 20	.\$2 00
8	x	8 . " 25	. 2 50
10	x	10 " 30	. 3 00
12	x	12 " 35	. 3 50

Wood Fibre Saucers.

16 "

1 44

1 50

1 62

1 74

13 "

14 "

" 15 "

" 16 "

bre Saucers.  EACH. Doz. 00 9½ " 25	2 3 3	1 5	8 5 4	in,	
10 10 -4- 00 04 00 02	bre	$\begin{array}{c c} 3 & 4 \\ 4 & 3 \end{array}$	43		$\frac{6}{4\frac{1}{2}}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\frac{12}{14}$	$egin{array}{c c c} 04 & 01 & 7 \ 40 & 11 & 5 \ 18 & 22 & 4 \ \end{array}$	7 5	2 1 2	22 20 18 15

		wat	erproof,	
).	DIAM,	DEPTH.	EACH.	Dozen.
+	8 in,	13 in.,	\$0 65	\$ 7 40
	51 "	10 "	56	6 40
	$4rac{1}{2}$ "	9 "	48	5 50
	4 "	6 "	41	4 60
	3 "	42 "	32	3 60
)	$9\frac{1}{2}$ "	22 "	2 45	28 00
	7" "	20 "	1 26	14 40
	$5\frac{1}{2}$ "	18 "	65	7 40
	$4\frac{1}{2}$ "	15 "	56	6 40
	4 "	12 "	48	5.50

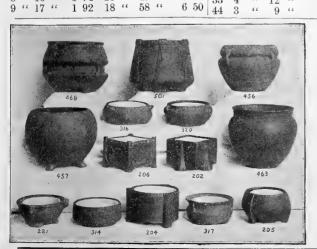
For cut flowers; neat, attractive and

Wood	Fibre	Rolling	Stands	for
	Hear	vy Plant	S.	
Ta	kes tub	liameter at	bottom.	

		1.5	ikes tu	D diamet						
									Doz	
12	in.,	for	a 10	in\$0	58.				\$ 6	60
				"						
16	6 6	66	13	66	76.			۰	8	60
18		6.6	15	66	95				10	80
20		66	17	"1	15.				13	20
22	66	66	20	· · 1	44.				16	50

#### Square Wood Orchid Basket,

		-	Mε	ιd	e	C	f	٦	٧	h	it	e	c	e	dar	wood.		
	SIZE.														EA	CH.	Do	
	6 x	6	in												\$0	35	\$4	00
ĺ	8 x	8	6 6	,												45	5	00
	10 x	10	66													5 <b>5</b>	6	00
	12 x	12	66							,						70	7	00



49 "

New and Popular Mat Green Ware Jardinieres and Fern Dishes.

4 60

Made in artistic designs and graceful shapes, colored a rich

dark green, These Jardinieres and Fern Dishes, in combination with plants, make an ideal effect. Jardinieres from 5 inches to 10 and ranging from 50c. to \$2.00, Fern Dishes from 4 inches to 8 ranging from 25c. to \$1.00.



WOOD FIBRE ROLLING STANDS



Wood Orchid Basket

Descriptive card with sizes and prices mailed on application.

### POULTRY SUPPLIES. ETC.

We list below but a few of the leading Poultry Foods and Sundries. For complete list see our special catalogue of Tools, Implements and Supplies. Mailed free on application.

Alfalfa Meal. One of the best green foods during the winter | Imperial Egg Feed. Very useful for making hens lay winter and early spring. 50 lb. bag, \$1.25; 100 lb. bag, \$2.35.

Aluminum Adjustable Poultry Leg Bands. For marking fowls. Plain or numbered from 1 to 100. Price, postpaid, 12 for 15 cts.; 25 for 25 cts.; 50 for 40 cts.; 100 for 65 cts.

Animal Meal. Egg-producing, flesh and bone forming food. Just what laying hens and growing chicks require. 5 lbs., 25 cts.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00.

Beef Scraps. Made specially for us from healthy fresh meat. A splendid winter food. 5 lbs., 25 cts.; 10 lbs., 40 cts.; 50 lbs., \$1.75; 100 Ibs., \$3.25. Special price by the ton.

Chick Manna. This should be the first and only food given the first 10 to 12 days. Full directions on each package. 1 lb., 10 cts.; 5 lbs., 40 cts.; 15 lbs., \$1.10; 60 lbs., \$4.20.

Conkey's Roup Cure. Roup is the most fatal and dreaded of poultry diseases. It is very contagious. Directions should be followed as given with each package. It prevents colds and is especially recommended for pigeons. Will cure roup in all stages. 25 cts., 50 cts. and \$1.00.

Cut Clover Hay. Has great value as a food. Tones up fowls and improves their general health. 50 lb. bag, \$1.25; 100 lb. bag, \$2.25.

Spratt's Dog Biscuit. This dog bread is made in the form of a square cake, and contains ingredients that benefit the dog in many ways. 25 lbs., \$2.00; 50 lbs., \$3.75; 100 lbs., \$7.00.

Dreer's Galvanized Poultry Founts. These Founts are made of heavy galvanized iron; they are easily cleaned, are not injured by freezing; water can be kept constantly fresh; made in four sizes; for small chicks as well as large poultry; just the Fount to be used in a brooder. 1 qt., 25 cts. each, \$2.50 per doz.; 2 qts., 35 cts. each, \$3.50 per doz.; 4 qts., 50 cts. each, \$5.00 per doz.; 8 qts., 70 cts. each, \$7.00 per doz.

Dr. Hess Poultry Pan=a=ce=a. Makes poultry healthy, makes hens lay; not a stimulant, but a tonic, that tones up the bird.  $1\frac{1}{2}$  lb. package, 25 cts.; 5 lbs., 60 cts.; 12 lbs., \$1.25; 25 lb. pail, \$2.50.

Earthenware Nest Bowls for Pigeons. Made very heavy, so that they will not upset. Price. 10 cts. each; \$1.00 per doz.

French Poultry and Squab Killing Knife. The most expeditious and humane way of killing and dressing poultry is by using this knife. Made of the finest steel. Price, with instructions, 50 cts.

Gape Exterminator. For removing the worms from the throat and windpipe of chickens. Silver wire. Price, 25 cts., with instructions. Horsehair Extractors, 10 cts.

Ground Charcoal. This is excellent for young and old chicks; should be kept constantly in reach of small chicks. Will prevent diarrhoea, if fed once or twice a week. Price, per lb., 10 cts.; 5 lbs., 30 cts.; 10 lbs., 45 cts.; 25 lbs., 75 cts.; 100 lbs., \$2.50.











STONEWARE FOUNT

and summer. Acts as a tonic during moulting, and keeps them in good condition at all times. 26 oz. package, 25 cts.; 60 oz. package, 50 cts.

Lambert's Death to Lice. (Powder.) 15 oz. package, 25 cts.; postpaid, 40 cts.; 3 lb. package, 50 cts.; 100 oz. package, \$1.00.

Liquid Lice Killer. For killing all kinds of lice, mites and vermin in the poultry houses. 1 qt., 35 cts.; ½ gal., 60 cts.; 1 gal., \$1.00.

Marking Punch. For marking young and old chickens in the web of the foot. Postpaid.

Medicated Nest Eggs. Used as a disinfectant. Made of a composition of tar camphor. Each, 5 cts.; per doz., 50 cts.

Mica Crystal Grit. To aid digestion it is necessary to feed some gritty material. can supply this in two grades, fine for chicks and birds, coarse for fowls. Price, 5 lbs., 10 cts.; 25 lbs., 30 cts.; 100 lbs., 85 cts. Special price by the ton.

Paper Egg Boxes. For carrying 1 doz. eggs, 25 cts. per doz.; \$1.00 per 100; \$8.00 per 1000. Peerless Chick Feed. A mixture of grains, producing quick, healthy growth. 5 lbs., 25 cts.; 10 lbs., 40 cts.; 50 lbs., \$1.50; 100 lbs., \$2.75. Special price by the ton.

Peerless Poultry or Scratch Feed. Composed of various grains; coarse ground for large fowls. 5 lbs., 25 cts.; 10 lbs., 40 cts.; 50 lbs., \$1.25; 100 lbs., \$2.25. Special price by the ton. **Porcelain Nest Eggs.** Each, 5 cts.; per doz.,

25 cts.; by mail, 50 cts.

Poultry Bone. A selected grade, and much used by leading poultry men. 5 lbs., 30 cts.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50. Pratt's Poultry Regulator. Excellent either

for small chicks or large fowls. 12 lb. package, 25 cts.; 5 lbs., 60 cts.; 12 lbs., \$1.25; 25 lbs., \$2.50.

Prepared Oyster Shells. Made from shells in a pure condition. The lime contained in the shells assists in the formation of the egg, and contributes to the general health of the fowls. Keep shell boxes filled. They will be found valuable at all seasons of the year. Coarse or fine. 5 lbs., 10 cts.; 25 lbs., 30 cts.; 100 lbs., 75 cts. Special price by the ton.

Sanitary Galvanized Grit, Shell and Feed Box. Three spaces; made of heavy galvanized iron; saves waste; hangs on a nail; cheap and

convenient. Price, 50 cts. each; \$5.00 per doz. Sexton Dry Feed Hopper. Easy to fill and does not waste the feed. Rat and mouse proof. Made of heavy galvanized iron. No. 1, poultry size, \$1.00; No. 2, chick size, 90 cts.

Sheridan's Condition Powder. Strictly a medicine for the prevention and cure of all poultry diseases. 25 cts. and \$1.00 per package; by mail, 30 cts. and \$1.25.

Stoneware Drinking Founts. 1 qt., 30 cts.;

2 qts., 40 cts.; 3 qts., 50 cts.; 4 qts., 60 cts. Sturtevant's Poultry Cure. For the ailments of all varieties of Poultry, Chickens, Turkeys, Geese, Ducks, etc. A guaranteed cure for all diseases of Birds-Fever, Cholera, Drooping, Roup, Swell Head, Gapes, Influenza, etc. 1 lb., 25 cts.; 2 lbs., 50 cts.

Wire Hen's Nest. Supported on walls by hooking over two nails. Each, 15 cts.; per

doz., \$1.25.

## GARDEN REQUISITES.

#### INSECTICIDES AND FUNGICIDES.

Marked \* can be sent by Parcel Post at purchaser's expense.

\*Ant Exterminator. A powder for destroying ants in house,

Antipest. (Carman's.) A liquid preparation for all insects. 1 qt., 50 cts.; ½ gal., 85 cts.; 1 gal., \$1.50.

Aphine. The insecticide that kills plant lice of every de-

scription; thrip and red spider a strong nicotine extract; dilutes 1 part to 40 parts of water. 1 qt., \$1.00; 1 gal., \$2.50.

\*Aphis Punk. A nicotine paper for fumigating greenhouses. Box, 60 cts.; case of 12 boxes, \$6.50.

Arsenate of Lead. (Paste.) The best of all arsenical insecticides; for leaf-eating insects; does not burn the foliage. Dilute 1 oz. to 1 gal. of water. Lb., 25 cts.; 2 lbs., 40 cts.; 5 lbs., 80 cts.; 10 lbs., \$1.50; 25 lbs., \$3.00; 50 lbs., \$5.00; 100 lbs., \$7.25. Special price on large quantities.

Arsenate of Lead. (Powdered.) Contains at least 33 per cent. arsenic. Superior to paste arsenate, stands suspension longer, and has more covering capacity. 1 lb., 35 cts.; 2 lbs., 65 cts.; 5 lbs., \$1.50; 10 lbs., \$2.25; 25 lbs., \$5.00; 100 lbs., \$17.25.

Arsenite of Zinc. (Paste.) A quick acting adhesive insecticide for Rose Bugs and Beetles on potatoes and other truck crops. 1 lb., 25 cts.; 2 lbs., 40 cts.; 5 lbs., 90 cts.; 10 lbs., \$1.50; 25 lbs., \$3.00; .50 lbs., \$5.00; 100 lbs., \$8.25.

Black Leaf. (Extract of Tobacco.) A nicotine solution

for spraying or fumigating. 1 gal., \$1.25; 5 gals., \$5.00.

Black Leaf 40. A concentrated nicotine solution for spray-1 oz., 25 cts.;  $\frac{1}{2}$  lb., 75 cts.; 2 lbs., \$2.50; 10 lbs., \$10.75. ordeaux Mixture. (Paste.) The supreme remedy Bordeaux Mixture. (Paste.)

against Fungous, Rust and Rot. Five ozs. to 1 gal. of water is standard strength. 1 lb., 25 cts.; 2 lbs., 40 cts.; 5 lbs., 80 cts.; 10 lbs., \$1.30; 25 lbs., \$2.75; 50 lbs., \$5.00; 100 lbs., \$7.75.

Bordeaux-Arsenate of Lead Mixture. (Paste.) combined Fungicide and Insecticide. For Apple and Pear Trees, Potatoes, Melons and Cucumbers; also splendid for roses, keeping them free of mildew, black spots and insects. Three ozs. to 1 gal. of water. 1 lb., 25 cts.; 2 lbs., 40 cts.; 5 lbs., 80 cts.; 10 lbs., \$1.30; 25 lbs., \$2.75; 50 lbs., \$5.00; 100 lbs., \$7.75.

Bordeaux Mixture. (Liquid.) For all fungous diseases. By adding water it is ready for use. 1 qt., 40 cts.; 1 gal.,

\$1.00; 5 gals., \$4.50. One gallon will make one barrel liquid.

Bordeaux Mixture. (Dry.) For dusting plants affected with mildew and all fungous diseases. Can be used as a spray.

1-lb. box, 20 cts.; makes 5 gals. spray; 5 lbs., 90 cts.

\*Bug Death. Used instead of Paris Green for eating 1 lb., 15 cts.; 3 lbs., 35 cts.; 5 lbs., 50 cts.; 121 insects.

lbs., \$1.00.

Cattle Comfort. Used as a spray; will relieve cattle, mules, horses and dogs from the effects of flies, gnats and mosquitoes. Qt. can, 45 cts.; gal. can, \$1.15; 5 gal. can, \$5.00.

Copper Sulphate. (Crystals.) For early spraying and making Bordeau Mixture. Lb., 15 cts.; quantity prices on application. Copper Solution. (Liquid.) For Fungus, Mildew, Leaf

Blight, Rust and Black Rot. 1 qt., 60 cts.; 1 gal., \$1.75.

Fairmount Weed Killer. The method of killing weeds thoroughly by application of this liquid has become general. Used only on paths, drives, gutters and places where no growth is wanted. One gallon makes 50 gallons of treating liquid. Price, 1 qt., 50 cts.; ½ gal., 75 cts.; 1 gal., \$1.25; 5 gals., \$6.00; 10 gals., \$11.00, 50 gal. bbl., \$45.00.

\*Fir Tree Oil Soap. For destroying mealy bugs, scale,

aphis, red spider. 1-lb., 25 cts.; 2 lb., 75 cts.

Fungine. A remedy for fungus diseases of all kinds. 1 qt.,

75 cts.; 1 gal., \$2.50.

\*Grape Dust. A powder preparation for mold, mildew, or st mites. 5 lbs., 40 cts.; 25 lbs., \$1.75; 100 lbs., \$6.00.

Good's Caustic Potash Fish Oil Soap. Recommended as a summer and winter wash for scale and all insects. 20 cts.; 5 lbs., 80 cts.; 25 lbs. \$2.75; 100 lbs., \$7.00.

\*Hellebore. For current worms and sucking insects. \(\frac{1}{4}\) lb., 13 cts.; ½ lb., 20 cts.; 1 lb., 35 cts.; 5 lbs.; \$1.40.

\*Insect Powder. (Pure Dalmation.) For roaches, ants, moths, fleas, etc. \(\frac{1}{4}\) lb., 15 cts.; \(\frac{1}{2}\) lb., 30 cts.; 1 lb., 50 cts.

\*Kerosene Emulsion. (Paste). Used as a summer wash against scale, plant lice and aphis. Dilute with water. Pound and the control of the control

makes 10 gallons of spray, 20 cts.; 5 lbs., 75 cts.; 25 lbs., \$2.50.

Kerosene Emulsion. Concentrated. (Liquid.) For plant Qt., 40 cts.; 1 gal., \$1.00; 5 gals., \$4.50.

Consult your local Post Office for rate from Philadelphia.

Kil-Worm. Destroys worms, ants and grubs infesting lawns; does not injure grass. One gallon makes 50 gallons of liquid. 1 qt., \$1.00; ½ gal., \$1.75; 1 gal., \$3.00; 5 gal., \$13.50. Kil-O=Scale. (Sulphonated Oil.) Testimonials from lead-

ing experimental stations prove it the best remedy against scale. Apply while trees or shrubs are dormant. 1 pt., 30 cts.; qt., 50 cts.; ½ gal., 75 cts.; gal., \$1.25; 2 gal., \$2.25; 5 and 10 gals., \$1.00 per gal.; barrel and half barrels, 85 cts. per gal.

Lemon Oil Co.'s Insecticide. For all insects and soft

scale. One of the best known insecticides, having a pleasant

dor; highly recommended for house plants. ½ pt., 25 cts.; pt., 40 cts.; qt. 75 cts.; ½ gal., \$1.25; gal., \$2.00; 5 gal. keg, \$9.00.

Lime Sulphur Solution. A perfect scale and fungous destroyer; special for Plumb and Peach Trees, which need fall and spring treatment; cures Peach leaf curl. ½ gal., 45 cts.; and spring treatment; cures reach teach that sum 2 spring gals, 75 cts.; 5 gals., \$2 25; 10 gals., \$3.00; ½ bbl., \$5.00; bbl. of 50 gals., \$9.00. Special price on large quantities.

B. T. S. A dry substitute for Lime sulphur solution. combination is the most active remedy for San Jose and Oyster shell scale. 1 lb., 20 cts.; 5 lbs., 80 cts.; 10 lbs., \$1.50, 25

Steff state. 1 10., 20 cts.; 5 10s., 80 cts.; 10 10s., \$1.00, 25 lbs., \$3.00; 50 lbs., \$5.50; 100 lbs., \$10.00; 300 lbs., \$27.00.

Nicoticide. A Nicotine spray or Fumigating compound. 
\$\frac{1}{2}\$ pt., \$60 cts.; \$\frac{1}{2}\$ pt., \$1.15; pt., \$2.25; 1 qt., \$4.25; \$\frac{1}{2}\$ gal., \$8.00; gal., \$14.50. Vaporizing lamp, 50 cts.

\*Nico Fume. This is the strongest tobacco paper on the market. Does not injure blooms, and furnishes the easiest method for fumigation ever devised. Tin box of 24 sheets, 85 cts.; box of 144 sheets, \$4.00; 288 sheets, \$7.50.

Nico Fume Liquid. An effective vaporizing liquid. \(\frac{1}{4}\) lb., 50 cts.; 1 lb., \$1.50; 4 lbs., \$5.50; 8 lbs., \$10.50.

Nikoteen. An economical and powerful nicotine extract. Effective remedy against aphis and fly insects. Bottle, 40 cts.,

½ lb., 85 cts., 1 lb., \$1.50; 4 lbs., \$5.00; 8 lbs., \$10.00.

Paris Green. For potato bugs and other leaf-eating insects.

 $\frac{1}{2}$  lb., 20 cts.; 1 lb., 30 cts.; 5 lbs., \$1.25.

Pruning Compound. A specially prepared thick paint, with a rubber, elastic film. Just the thing to use after pruning your trees, 1 qt., 40 cts.; 1 gal., \$1.20.

Pyrox. A combined insecticide and fungicide for all leaf-

eating insects. Used largely by potato growers. 1 lb., 25 cts.; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$4.00; 100 lbs., \$13.50. \* Rat Corn. Sure death to rats and mice; not poisonous to

25 cts., 50 cts. and \$1.00 size cans. other animals.

Readeana Rose Bug Exterminator. Dilute and apply as a spray. Harmless to the most delicate plant. Bottle, 25 cts., 50 cts., \$1.00 and £2.00; per gal., \$4.00.

Scaleside. As a winter spray for scale. 1 gal. to 20 gals. of water. 1 gal., \$1.00; 5 gals., \$3.25; bbl., 50 gals., \$25.00. \*Slug Shot. One of the cheapest and best powders for de-

stroying insects, especially on Cabbage. 1 lb. carton, 15 cts.; 5 lbs., 30 cts.; 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$5.00.

Soluble Oil. A excellent Scale remedy. Specially good

for lawn trees and hedges, as it will not stain. Use during dormant period. 1 gal., \$1.00; 5 gals., \$3.65; 10 gals., \$6.65; half bbl., 50 cts. per gal.; bbl. of 50 gals., 45 cts. per gal.

\*Sulphur, Powdered. For mildew. Lb., 10 cts.; 5 lbs., 40 cts.; 10 lbs., 60 cts.; 50 lbs., \$2.50; 100 lbs., \$4.00.

\*Tobacco Dust. For fumigating and dusting plants affected with aphis; also used on melons and squash. Coarse or fine. 1 lb., 10 cts.; 5 lbs., 25 cts.; 25 lbs., \$1.00; 100 lbs., \$3.50.

Tobacco Stems. For fumigating. Also for covering lawns during the winter. It not only acts as a protector, but imparts large quantities of ammonia, and drives away insects and moles. Per bbl. bale, \$1.00; per bale of about 250 lbs., \$2.00.

Tobacco Soap. One of the best insecticides for general use, for washing and spraying plants. Pkg., 25 cts.; 10-lb. can, \$2.50.
\*Tree Tanglefoot. The best remedy against Caterpillars and all tree-crawling insects. Remains sticky for three months. 1 lb., 30 cts.; 3 lbs. 85 cts.; 10 lbs., \$2.65; 20 lbs., \$4.80.

\* Whale or Fish Oil Soap. Used during the summer as a wash, thus preventing the spread of scale. 1 lb., 20 cts.; 2 lbs., 35 cts.; 5 lbs., 60 cts. Special prices on large quantities.

Weed Killer. (Target Brand.) 1 qt., 45 cts.; ½ gal., 65 cts.;

1 gal., \$1.00; 5 gal., \$4.50; 10 gal., \$8.50; 50 gal. bbl, \$35.00. Worm Eradicator. For removing worms of any kind in greenhouse and potted plants, etc. Bottle, 50 cts. and \$.1.00.

# HENRY A' DREER : PHILADELPHIA : PA : GARDEN REQUISITES :

#### FERTILIZERS FOR FARM, LAWN, GARDEN AND GREENHOUSE

All Fertilizers delivered free-on-board Philadelphia. Prices subject to change without notice. We are compelled, on account of the scarcity of raw material, to eliminate many brands of fertilizer.

Dreer's "Peerless" Plant Food for House Plants. (Odorless.) The best Plant Food on the market. May be used either dry or liquid the latter much the best, being immediately available to the plant, and less danger of giving an overdose. Put up in ½ and 1-lb. packages. Directions with each package. 15 cts. and 25 cts.; by mail, 25 cts. and 40 cts. Registered in Pennsylvania.

Dreer's "Peerless" Plant Food for Lawn and Garden. (Odorless.) A high grade fertilizer. Apply at any time during Spring or Fall. It will restore lawns to full luxuriance, and acts quickly in the vegetable garden, where it can be applied any time during the growing season. 5 lbs., 30 cts.; 10 lbs., 50 cts.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; 200 lbs., \$5.00.

Animal Base and Potash Compound. (Baugh's.) For all crops, Superior for broadcasting in spring prior to harrowing. Per sack, 200 lbs., \$3.25.

Blood. (Dried.) One of the quickest acting fertilizers, being immediately soluble. 5 lbs., 30 cts.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.75.

Bone Flour. (Baugh's.) Ground very fine; excellent for pot plants or beds where an immediate effect is wanted. 5 lbs., 30 cts.; 100 lbs., \$2.50; bbl. of 200 lbs., \$4.50.

Pure Bone Meal. (Baugh's.) A standard fertilizer for all purposes, safe and effective. 3 lbs., 15 cts.; 5 lbs., 25 cts.; 25 lbs., 75 cts.; 50 lbs., \$1.25; 100 lbs., \$2.25; 200 lbs., \$4.00.

Ground Bone. (Baugh's.) A little coarser than above; excellent for grass plots, gardens, etc. Apply 400 to 600 lbs. to the acre. 5 lbs., 25 cts.; 25 lbs., 75 cts.; 50 lbs., \$1.25; 100 lbs., \$2.25; sack of 200 lbs., \$4.00.

Coarse Bone. (Baugh's.) Ground coarse, for grape borders and poultry. A superior fertilizer to use when planting shrubbery and trees. 5 lbs., 30 cts.; 50 lbs., \$1.50; 100 lbs., \$2.50.

Fine Ground Bone. (Baugh's.) Contains 3 per cent. ammonia, 16 per cent. phosphoric acid, 100 lbs., \$2.00; 200 lbs., \$3.50.

Cattle or Cow Manure, Shredded. We are now in a position to offer this manure put up in sacks for convenient handling. For garden, lawn and greenhouse, and especially good to mix with compost and for water lilies. 100 lbs., \$2.00; 500 lbs., \$9.00; 1000 lbs., \$16.00; per ton, \$30.00.

Clay's Fertilizer. (Imported.) Recommended to all who grow either fruit, flowers or vegetables. Should be used in potting soil, and spread on staging of greenhouses planted with flowering plants. Per bag of 28 lbs., \$2.00; 56 lbs., \$3.50; 112 lbs., \$6.50.











Humus. Nature's Plant Food. A deposit of organic matter. Used as a top dressing, or mixing with the soil when making a new lawn or garden. Apply 5 to 10 tons per acre. 100 lbs., \$1.00; 500 lbs., \$4.50; ton, \$14.50. Special prices for direct factory shipments.

Hard-wood Ashes. Indispensable as a lawn dressing, or to apply to orchards. Should be applied late in fall or early spring at the rate of 1000 to 1500 lbs. per acre. 5 lbs., 20 cts.; 10 lbs., 35 cts.; 25 lbs., 60 cts.; 100 lbs., \$1.50; per bbl., \$2.50; per ton, \$22.00. Special price by the car. Land Plaster. Much used in composting or

Land Plaster. Much used in composting or mixed with guano, etc. 100-lb. bag, \$1.00; bag, 200 lbs., \$1.50; per ton, \$10.00.

Lime, Hydrated. (Powdered.) For lawn and field use where the ground has become sour. 100 lbs., \$1.00; ton, \$12.50. Special price by the car. Manure. We can supply fresh horse manure at short notice in carload. Write for prices.

Nitrate of Soda. A fertilizer for all crops. It is very quick in action and hastens maturity of crops fully two weeks. Being quickly soluble, it should not be applied until the plants are above ground, when 200 to 500 lbs. mixed with land plaster is sufficient per acre. 5 lbs., 35 cts.; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.

Poudrette. (Native Guano.) Contains all the elements necessary for plant life; used extensively by market gardeners. An excellent lawn top-dressing. Per 100 lbs., \$1.50; 200 lbs., \$2.75; 1000 lbs., \$9.50; per ton, \$18.00.

Salt, Agricultural. For top dressing lawns and killing weeds. Apply very early in spring at the rate of 800 to 1000 pounds per acre. 200 lbs., \$1.50; per top. \$10.00

\$1.50; per ton, \$10.00.

Sheep Manure, Pulverized. (Wizard Brand.)
A pure natural manure, unequalled for mixing with potting soil, for lawns, general vegetable and flower garden fertilizer, for making liquid manure water or for any purpose where quick as well as lasting results are wanted. 2 lb. package, 15 cts.; 5 lbs., 25 cts.; 10 lbs., 40 cts.; 25 lbs., 75 cts.; 50 lbs., \$1.25; 100 lbs., \$2.00; 500 lbs., \$9.00; 1000 lbs., \$16.00; ton, \$30.00.

**Soot.** The leading growers recommend the use of soot to produce plants of a good healthy color; destroys insects and grubs in the soil, and should be spread on greenhouse staging and flower beds, then stir the soil. 25 lbs., \$1.00; 112 lbs., \$3.75.

Tobacco Stems. An indispensable lawn covering for winter. It not only acts as a protector, but imparts large quantities of ammonia and drives away insects and moles. Bbl., \$1.00; bale, \$2.00; ton, \$12.00.

Wheat Fertilizer. (Baugh's.) This brand combines in available form the necessary elements for the growth of all grain and grass. Sacks of 200 lbs., \$3.25.

Anyone desiring special Brands of Fertilizer and in large quantities please write for prices.



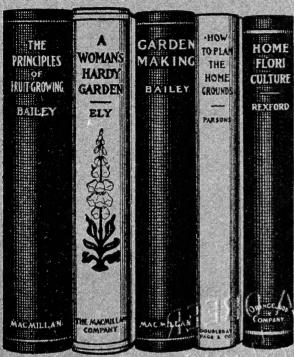
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